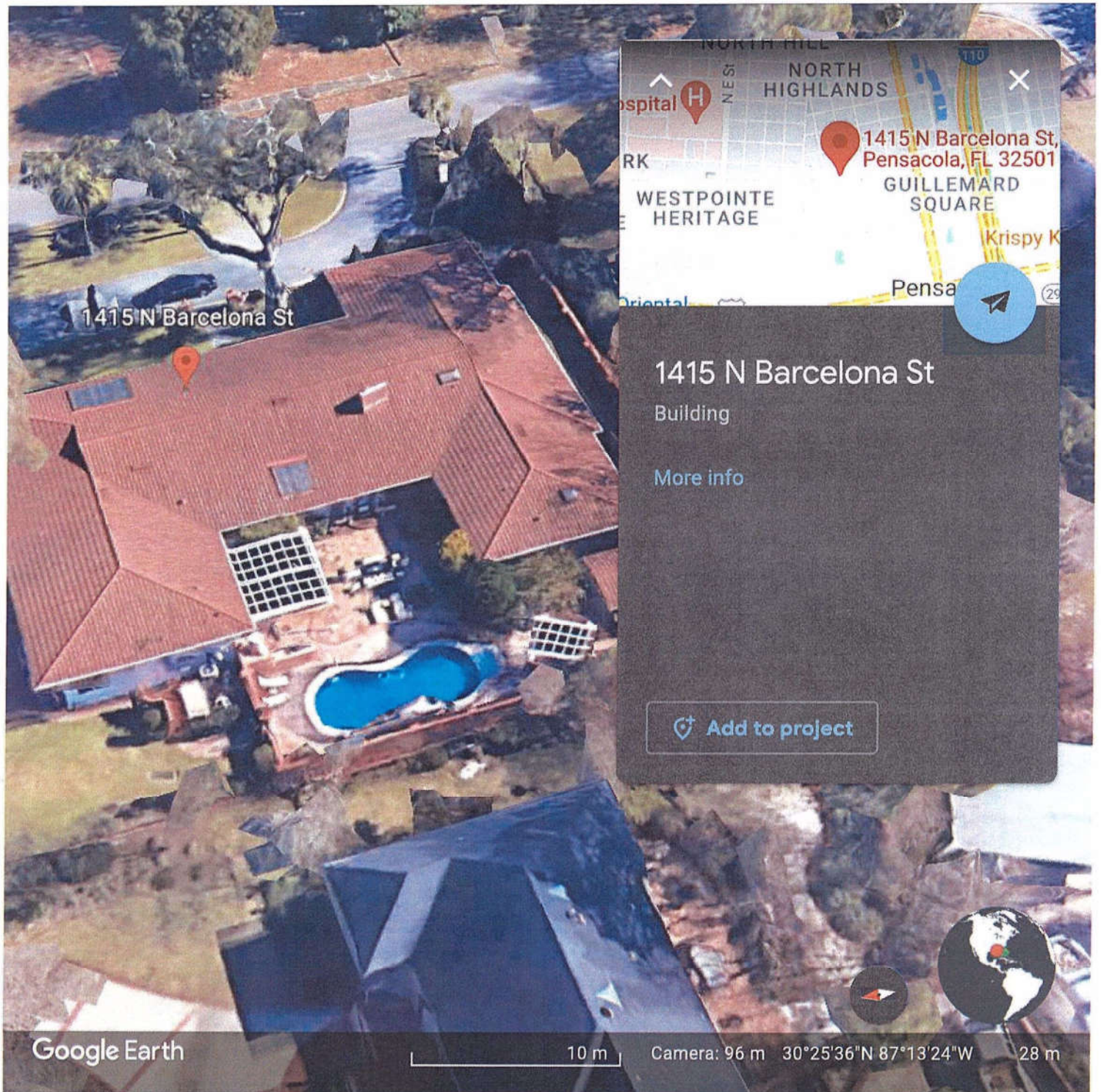
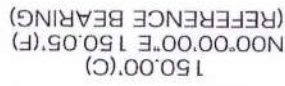


Additional engineered drawings on file with Planning Services Staff. - GH



BARCELONA STREET  
(50' RIGHT-OF-WAY)



Riley/Lunden Residence

1415 Barcelona

Pensacola, Fl

Photos Previous structure









Riley/Lunden Residence

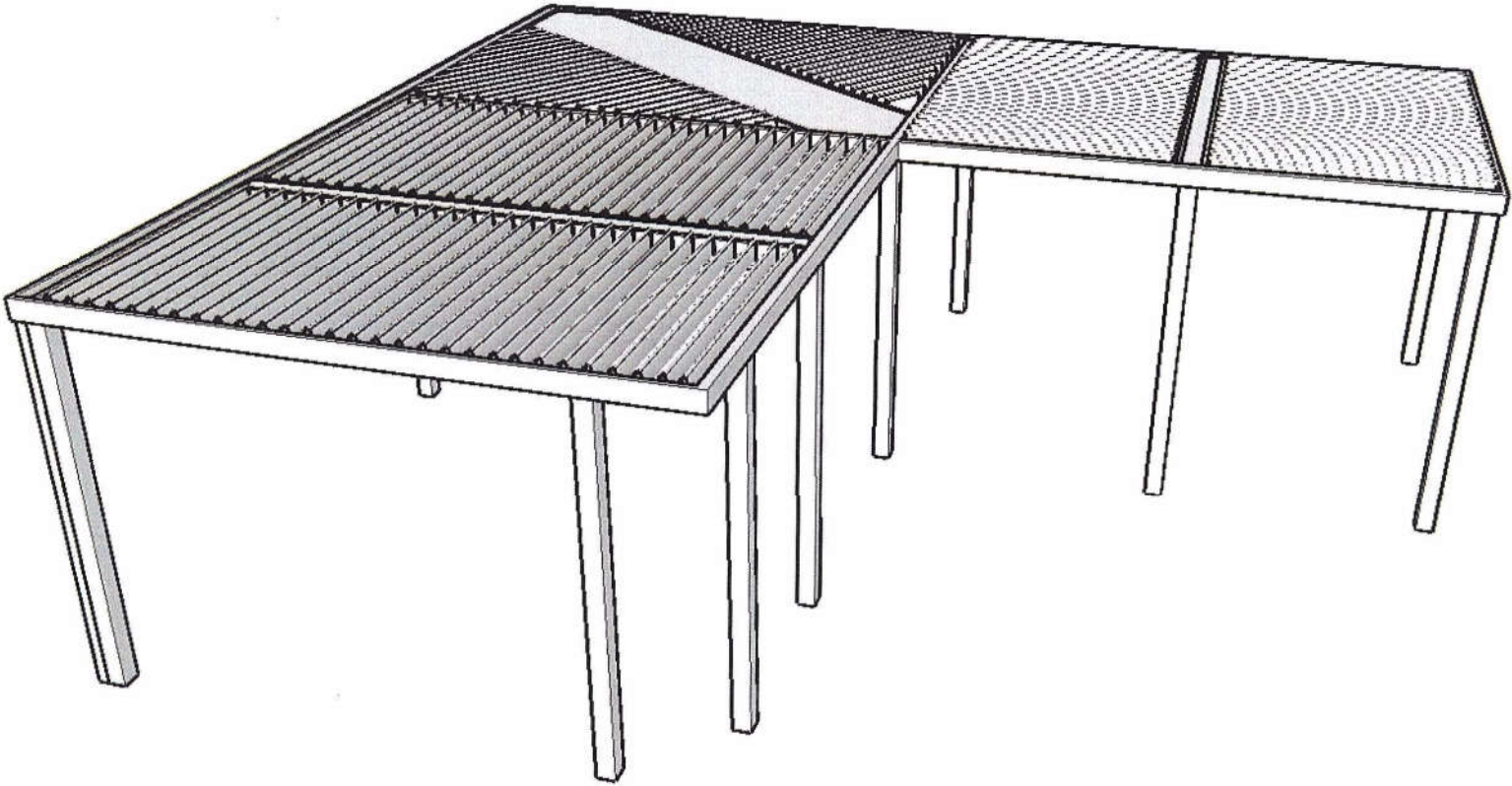
1415 Barcelona

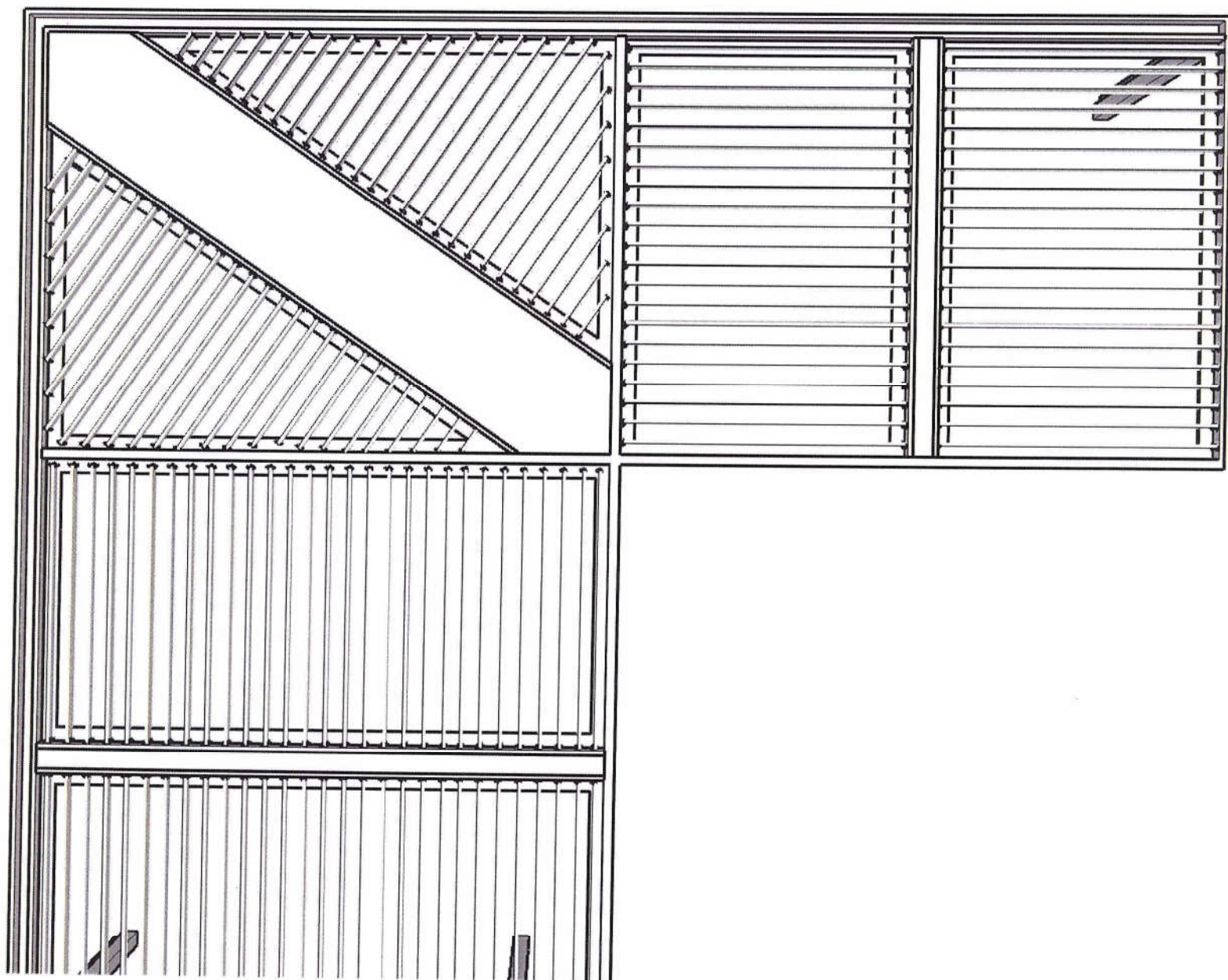
Pensacola, FL

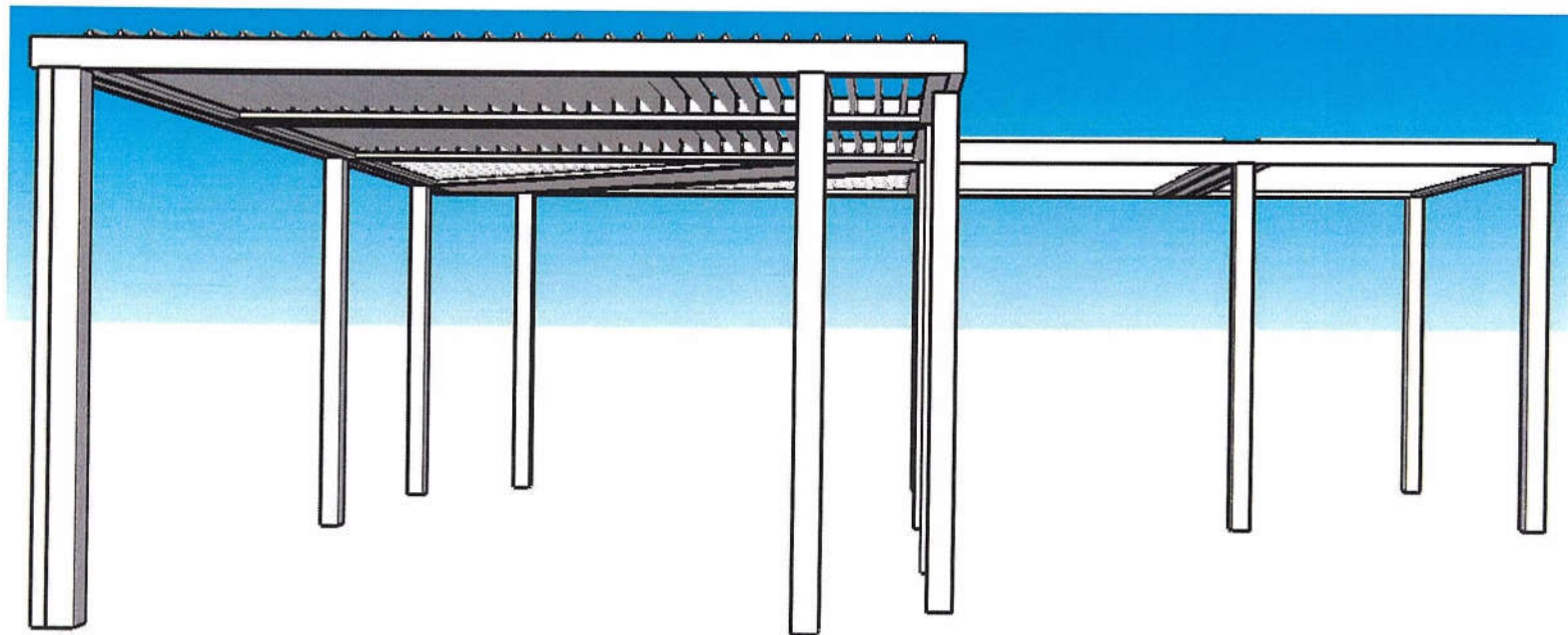
Proposed New System

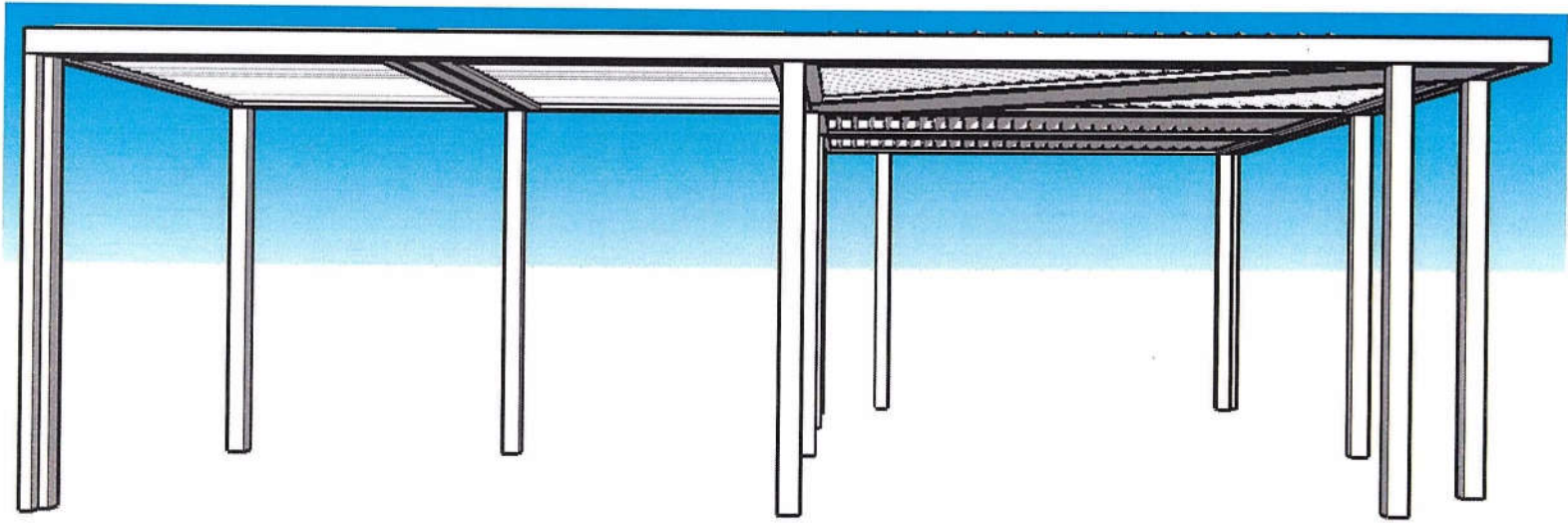
Hurricane Rated Equinox Pergola

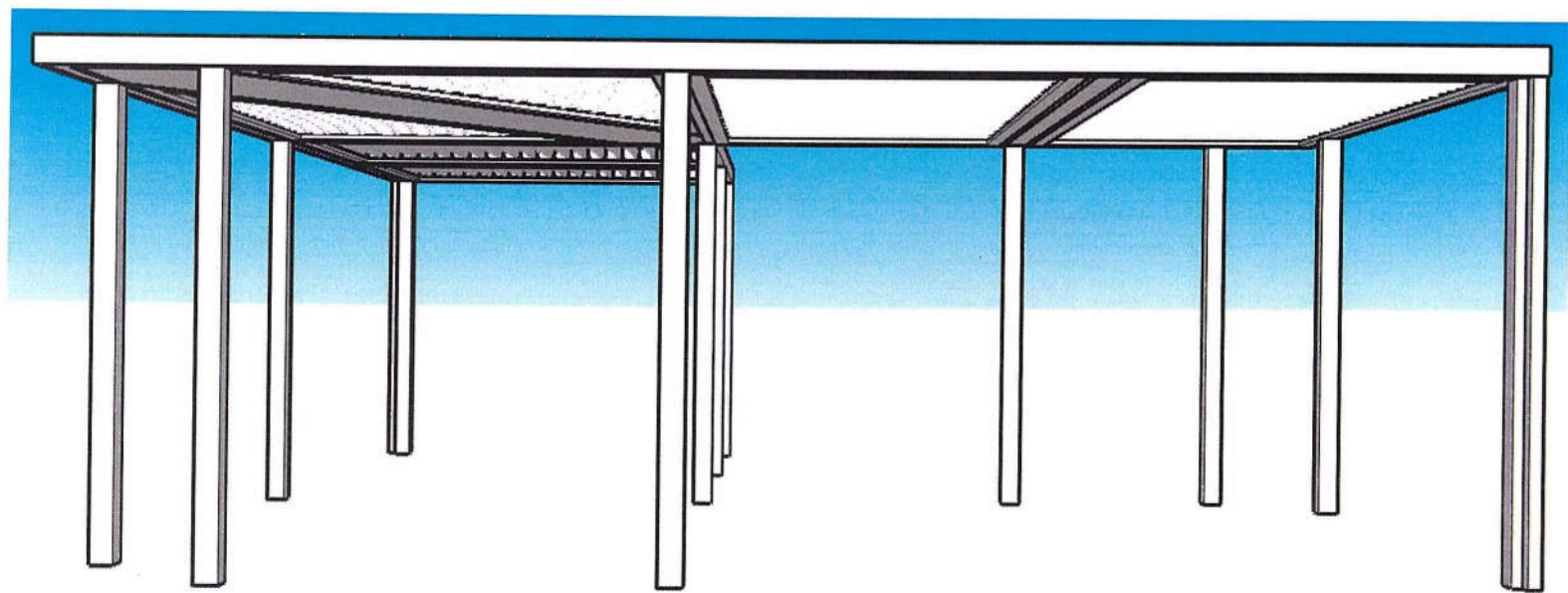


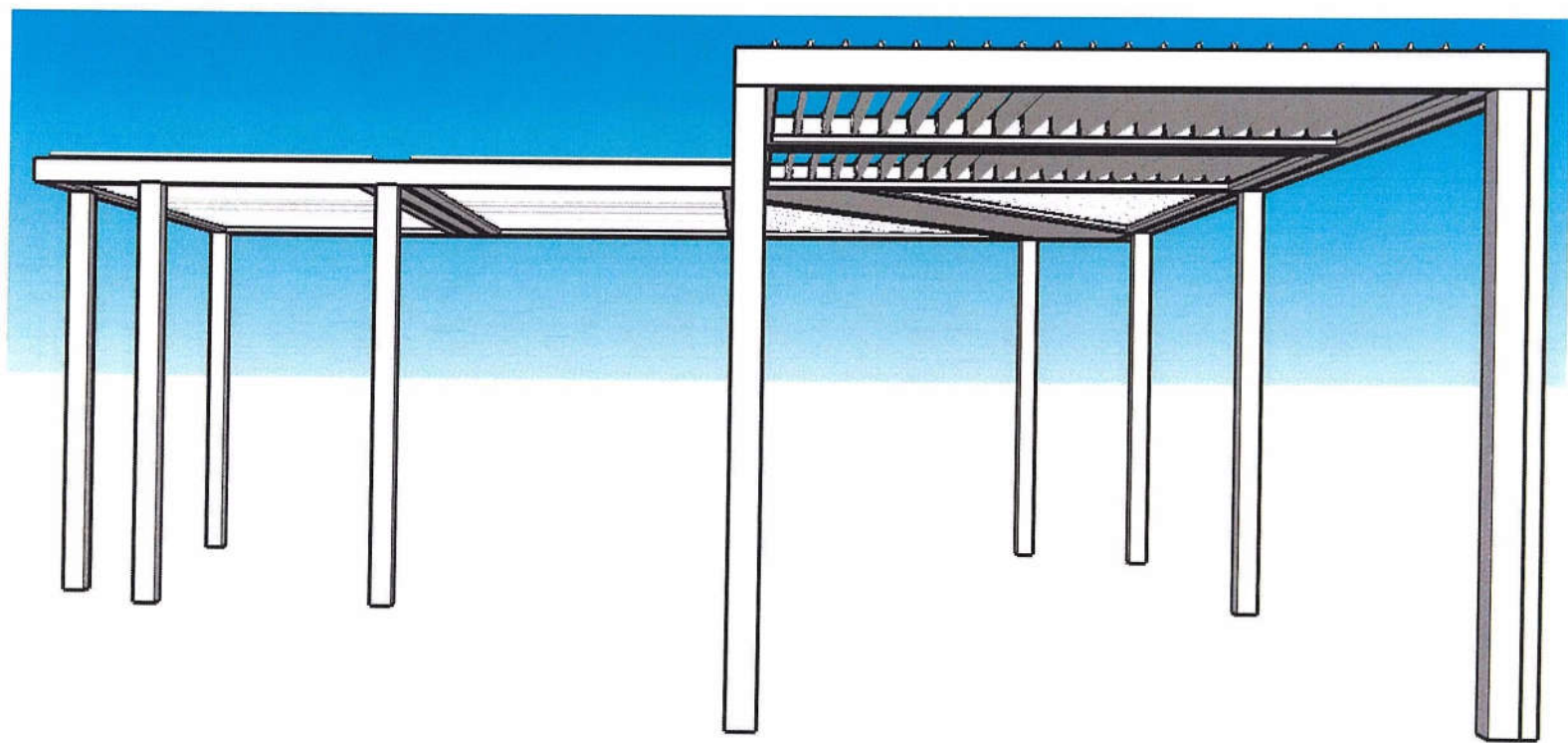












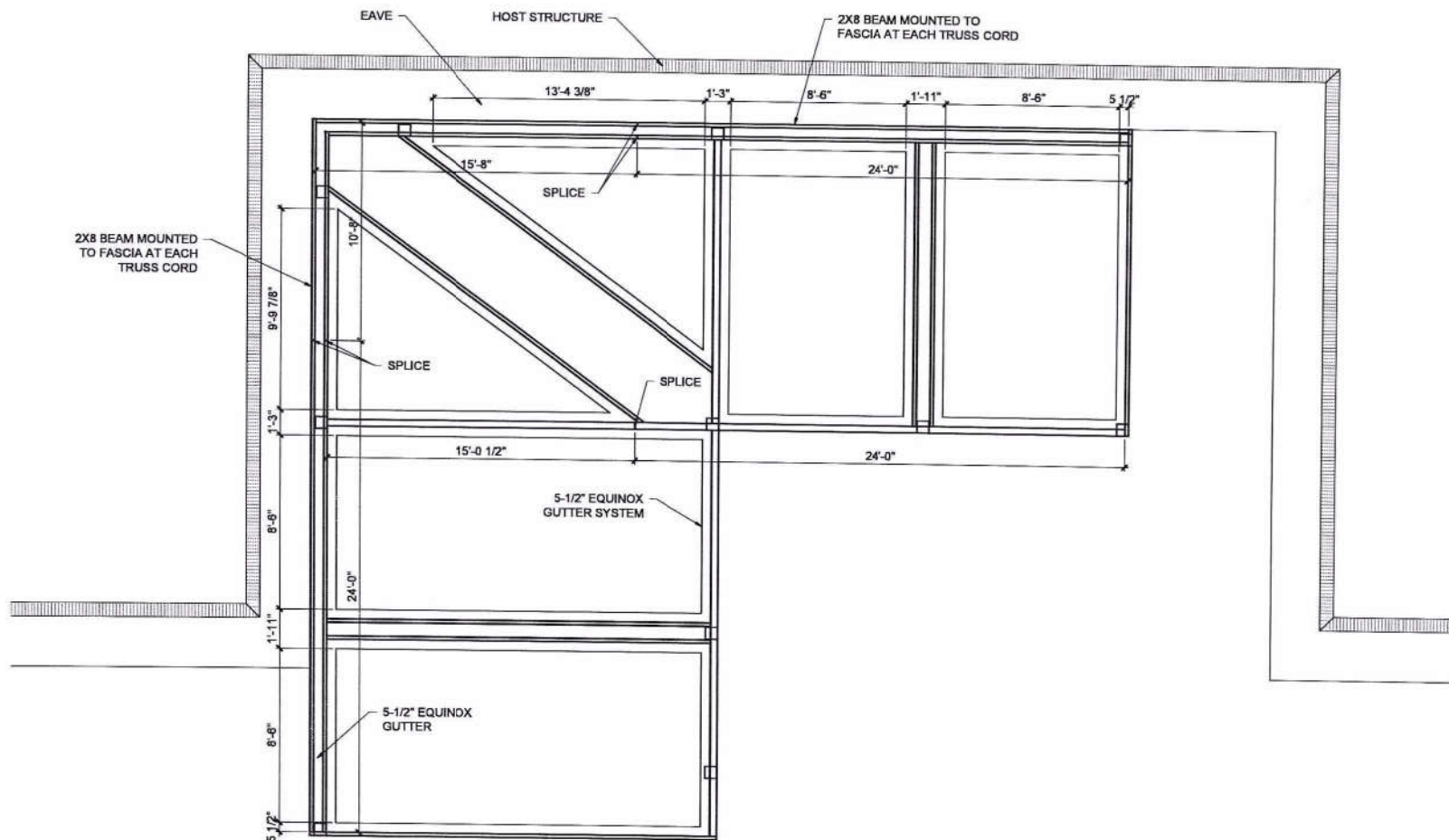
Riley/Lunden Residence

1415 Barcelona

Pensacola, FL

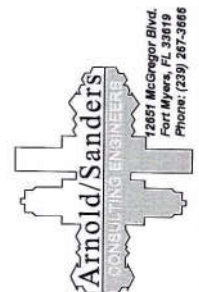
Proposed New System

Stamped Engineering Plans



**1 REFLECTED CEILING PLAN**  
S3 SCALE: 3/16" = 1'-0"

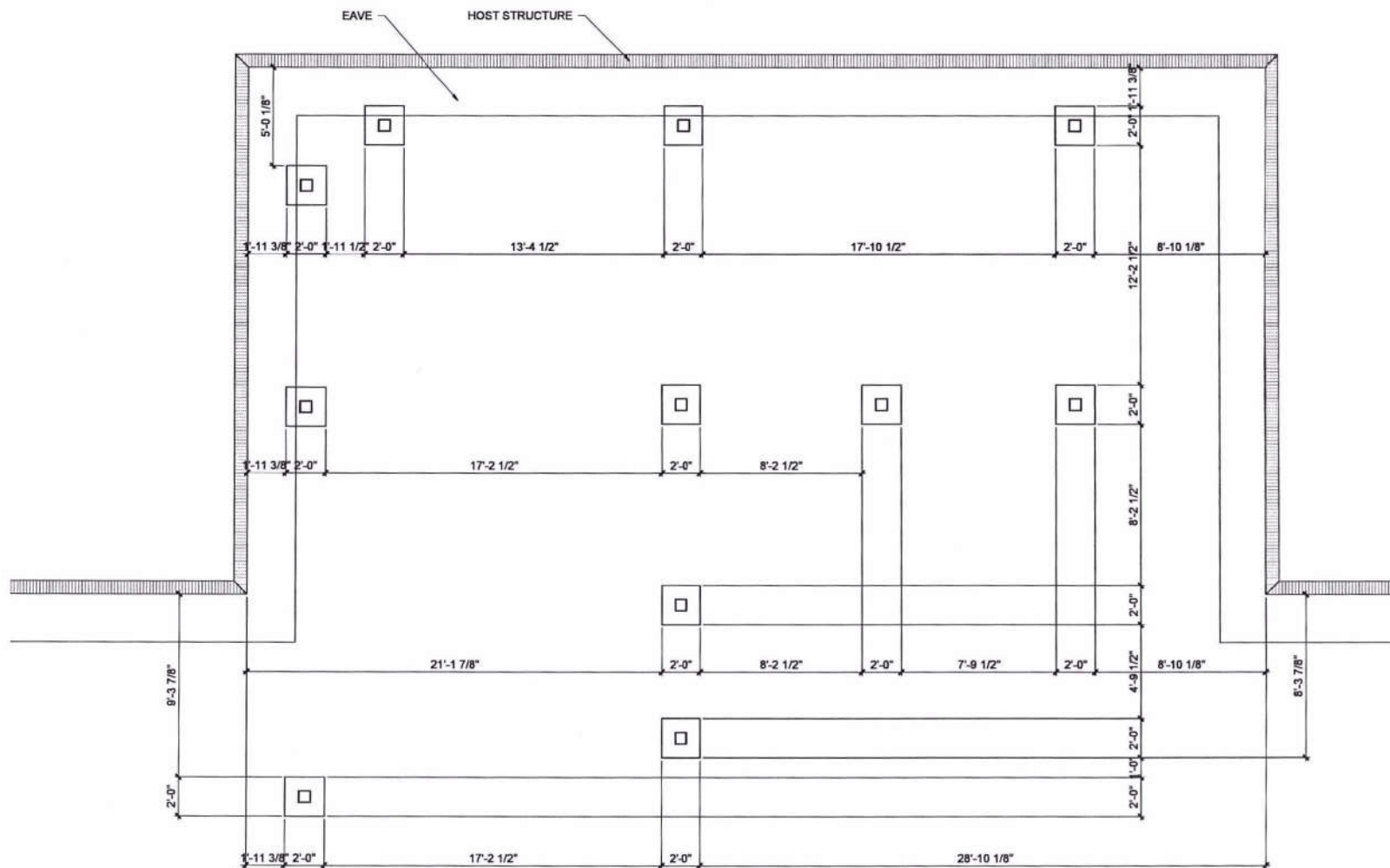
**The Lunden/ Riley Residence**  
1415 N. Barcelona St.  
Pensacola, FL 32501  
July 22, 2022 File:221266



12051 McGregor Blvd.  
Fort Myers, FL 33619  
Phone: (239) 267-3886

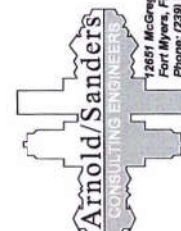
241 Interstate Blvd.  
Pensacola, FL 32503  
Phone: (904) 271-1724  
Fax: (904) 847-0810  
www.DeStefanoEngineering.com

**S3**  
of 7

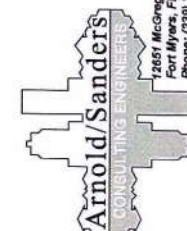


**1 FOUNDATION PLAN**  
S4 SCALE: 3/16" = 1'-0"

**The Lunden/ Riley Residence**  
1415 N. Barcelona St.  
Pensacola, FL 32501  
July 22, 2022 File:221266



**S4**  
of 7



**DE STEFANO**  
ENGINEERING GROUP, PL

Phone: (941) 371-1724  
Fax: (941) 371-0870

241 Interstate Blvd.  
Sarasota Florida 34240

Certificate of Authorization Number  
27383



S2

of 7



**The Lunden/ Riley Residence**  
1415 N. Barcelona St.  
Pensacola, FL 32501  
July 22, 2022 File:221266

#### GENERAL NOTES:

##### DESIGN CRITERIA

THE STRUCTURAL SYSTEM FOR BUILDING DEPICTED HERE ON HAS BEEN DESIGNED ACCORDING TO THE 2020 7TH EDITION OF THE FLORIDA BUILDING CODE, ASCE 7-16, AND THE 2015 ALUMINUM DESIGN MANUAL.

THE STRUCTURE HAS BEEN DESIGNED TO RESIST THE FOLLOWING SUPERIMPOSED LOADS.

ROOF DEAD: 2 PSF + SELF-WEIGHT

ROOF LIVE: 12 PSF

WIND LOADS ON THE STRUCTURE HAVE BEEN CALCULATED IN ACCORDANCE WITH ASCE 7-16 FOR THE FOLLOWING: BASIC WIND SPEED: 150 MPH (3 SECOND GUST), RISK CATEGORY: II, EXPOSURE CATEGORY: B, PARTIALLY OPEN ROOF 30 PERCENT SOLID, ENCLOSURE CLASSIFICATION PER ASCE 7-16, TABLE 26.13-1 (FOR 4-SIDED RECTANGULAR LOUVERED AWNINGS)

LOAD COMBINATIONS:

D+0.6W 0.6D+0.6W D+L D+0.75L+0.75(0.6W)

DESIGN OF LOUVERED RIGID CANOPY IS PER SECTION 3105.5.1 OF THE FBC, RIGID AWNINGS AND CANOPY SHUTTERS. LOUVERED BLADES SHALL BE REPOSITIONED TO THE VERTICAL OPEN POSITION DURING PERIODS OF HIGH WIND VELOCITY. UNIT IS EQUIPPED WITH A WIND SENSOR WHICH WILL OPEN LOUVERS AT 45MPH.

PER FBC SECTION 3105.5.3, CONTRACTOR SHALL POST WITH A LEGIBLE AND READILY VISIBLE DECAL OR PRINTED INSTRUCTIONS TO THE OWNER OR TENANT TO REMOVE OR REPOSITION THE STRUCTURE OR PART THEREOF DURING SUCH PERIODS OF TIME AS DESIGNATED BY THE US WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT. THE WARNING LABEL SHOULD READ AS FOLLOWS:

"THIS RIGID AWNING MUST HAVE LOUVERED BLADES REPOSITIONED TO THE VERTICAL POSITION DURING A HURRICANE WARNING OR ALERT AS DESIGNATED BY THE U.S. WEATHER BUREAU (FBC SECTION 3105.5.3)."

A CONTINUOUS LOAD PATH BETWEEN FOUNDATIONS, COLUMNS, AND BEAMS ARE INTENDED BY THESE DRAWINGS AND SHALL BE FIELD VERIFIED.

THE LOUVERED ROOFING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH EQUINOX LOUVERED ROOFING SYSTEM.

THE CONTRACTOR IS RESPONSIBLE FOR WATERPROOFING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE SUITABLE SEQUENCING, MEANS AND METHODS OF CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO THE ADDITION OF NECESSARY SHORING, TIE DOWNS, TEMPORARY BRACING, ETC.

THE INFORMATION USED AND CONTAINED HEREIN IS BASED ON CONTRACTOR SUPPLIED DATA AND MEASUREMENTS. DESTEFANO ENGINEERING GROUP, PL (DEG) HAS NOT VISITED THIS JOB SITE. DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED. DEG ASSUMES NO RESPONSIBILITY OR LIABILITY IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DEG SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO RE-EVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS, FABRICATION, AND/OR INSTALLATION OF MATERIALS.

##### MATERIAL SPECIFICATIONS

###### ALUMINUM:

ALUMINUM SHALL BE A MINIMUM OF 6063-T6 UNLESS NOTED OTHERWISE. ALUMINUM PLATE TO BE 6061-T6 ALLOY.

FINISH COLOR TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS FOR STANDARD EXTRUSIONS.

CONCRETE FASTENERS TO BE 410 STAINLESS STEEL TITANS AS MANUFACTURED BY SIMPSON STRONG TIES OR APPROVED EQUAL.

ALL SMS SCREWS ARE 410 STAINLESS #12 x 1" SELF-TAPPING METAL SCREWS (SMS) TYPICAL UNLESS OTHERWISE NOTED.

EXTRUDED STRUCTURAL TUBE OR PIPE: ALLOY SHALL BE 6061-T6, 6005-T6, 6063-T6, OR AS NOTED ON DRAWINGS AND CONFORMING TO ASTM B429.

ALUMINUM IN CONTACT WITH CONCRETE SHALL BE COATED.

##### FOUNDATIONS

SEE STRUCTURAL DRAWINGS AND STRUCTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

BY VISUAL OBSERVATION, SOIL AT THE SITE IS SAND (OR SAND AND ROCK) WITH AN ASSUMED SOIL BEARING CAPACITY OF 2000 PSF.

PERFORM ALL CONCRETE WORK IN ACCORDANCE WITH ACI 318, THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.

CONCRETE SHALL BE AN APPROVED MIX PROPORTIONED TO ACHIEVE STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX. 4000 PSI FOR FOUNDATIONS.

CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM C-94 FOR MEASURING, MIXING, TRANSPORTING, ETC. MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS.

##### REINFORCING STEEL:

REINFORCING STEEL: ASTM A615, GRADE 60 DEFORMED NEW BILLET STEEL CONFORMING TO ACI 301, 315, 318, AND CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE, FREE FROM OIL, SCALE AND RUST, AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS.

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 IN

##### WELDING NOTES:

QUALIFICATIONS FOR WELDING WORK: QUALIFY WELDING PROCESSES AND WELDING OPERATORS FOLLOWING AWS "STANDARD QUALIFICATION PROCEDURE". WELDERS TO BE EMPLOYED IN WORK SHALL HAVE CERTIFICATIONS OF PASSING WITH SATISFACTORY MARKS FOLLOWING STRUCTURAL WELDING CODE OF THE ENGINEER, AWS AND AISC STANDARD QUALIFICATION TESTS WITHIN PREVIOUS 12 MONTHS. IF RE-CERTIFICATION OF WELDERS IS NEEDED, RETESTING WILL BE THE CONTRACTOR'S RESPONSIBILITY.

WELDED CONNECTIONS: FOLLOW AWS D12 FOR STRUCTURAL ALUMINUM WELDING CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND METHODS USED IN CORRECTING WELDING WORK.

WELDING ELECTRODES: FOLLOW AWS CODE AND REQUIREMENTS. FOR ALUMINUM ALLOY, PROVIDE ELECTRODES, WELDING RODS 5356 OR APPROVED EQUAL AND FILLER METALS EQUAL IN STRENGTH AND COMPATIBLE IN APPEARANCE WITH PARENT METAL JOINED.

UNLESS OTHERWISE NOTED THE MINIMUM WELD, SIZE SHALL BE ASSUMED TO BE THE THICKNESS OF THE THINNEST MEMBER TO BE JOINED OR AS PER THE WELDING CODE WHICH EVER IS GREATER.

##### GENERAL CONDITIONS

IF THERE ARE ANY DISCREPANCIES HEREIN CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.

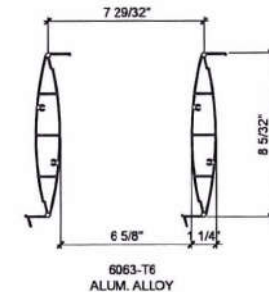
THIS DESIGN DOES NOT CONSTITUTE THE ENGINEERING OF ANY OTHER STRUCTURES THAT ARE NOT SPECIFICALLY MENTIONED HEREIN. IF THERE ARE ANY DISCREPANCIES THEREIN, CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.

ALL WORK PREPARED BY DE STEFANO ENGINEERING GROUP, PL (DEG), IS THE PROPERTY OF DEG AND MAY ONLY BE USED FOR ITS INTENDED USE. THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY DEG AND DEG'S CONSULTANTS ARE INSTRUMENTS OF SERVICE THROUGH WHICH THE WORK TO BE EXECUTED BY CONTRACTOR, AS DESCRIBED REMAIN THE PROPERTY OF DEG. SAID WORK MAY NOT BE USED AT ANY OTHER LOCATION OR FOR ANY OTHER USE WITHOUT PRIOR WRITTEN AUTHORIZATION.

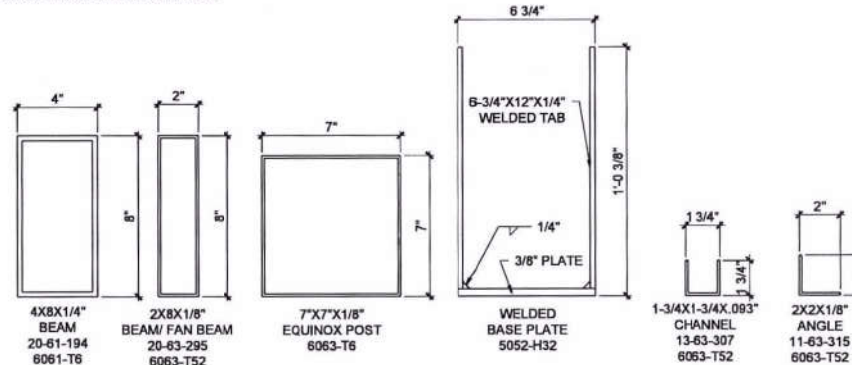
DEG WILL HAVE NO RESPONSIBILITY FOR THE CONTRACTOR'S, CLIENT'S OR OTHER ENTITIES, MEANS, METHODS, TECHNIQUES, AND PROCEDURES USED IN CONSTRUCTION, AND WILL NOT BE HELD LIABLE FOR THE CONTRACTOR'S INADEQUATE OR UNSATISFACTORY PERFORMANCE OF THE WORK.



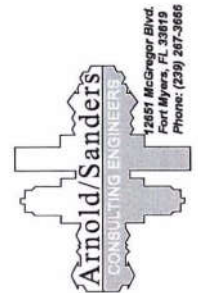
Digitally signed by Mark A DeStefano  
Reason: This document has been digitally sealed. Printed copies of this document are not considered sealed and the SHA authorization code must be verified on any electronic copies.  
Date: 2022.07.25 15:57:35 -04'00'



**2 LOUVER DETAIL**  
S1 SCALE: 2" = 1'-0"



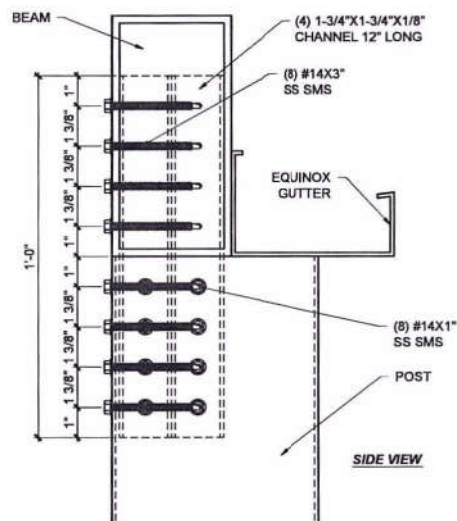
**1 STRUCTURAL COMPONENTS**  
S1 SCALE: 2" = 1'-0"



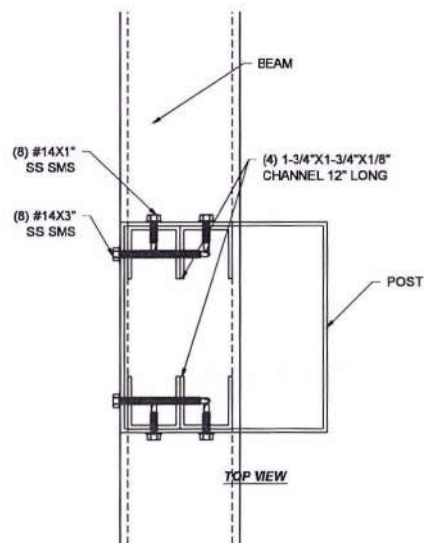
**The Lunden/ Riley Residence**  
1415 N. Barcelona St.  
Pensacola, FL 32501  
July 22, 2022 File:221266

**S1**  
of 7





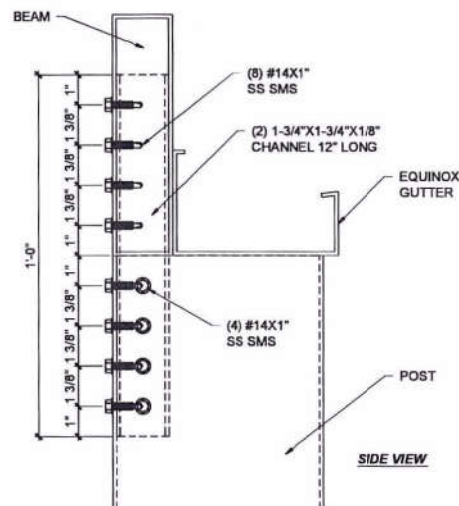
SIDE VIEW



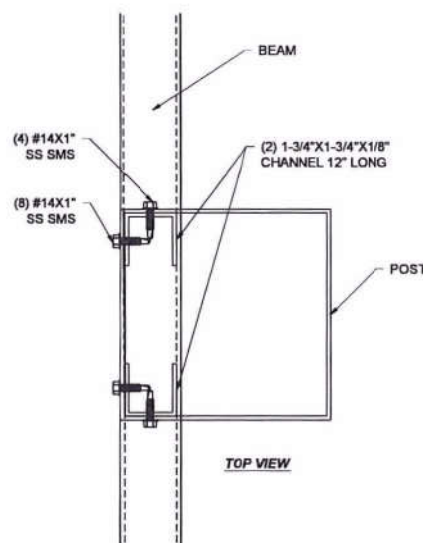
TOP VIEW

### 5 4X8 BEAM TO POST ATTACHMENT

S6 SCALE: 3" = 1'-0"



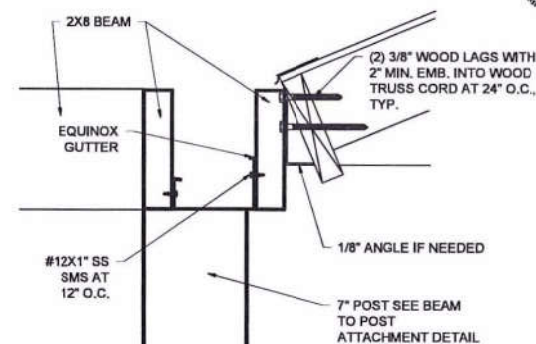
SIDE VIEW



TOP VIEW

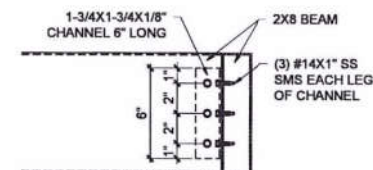
### 3 2X8 BEAM TO POST ATTACHMENT

S6 SCALE: 3" = 1'-0"

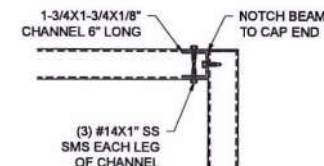


### 2 BEAM TO FASCIA ATTACHMENT

S6 SCALE: 1-1/2" = 1'-0"



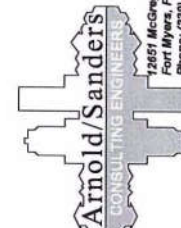
SIDE VIEW



TOP VIEW

### 1 TYPICAL BEAM CORNER ASSEMBLY

S6 SCALE: 1-1/2" = 1'-0"



The Lunden/ Riley Residence

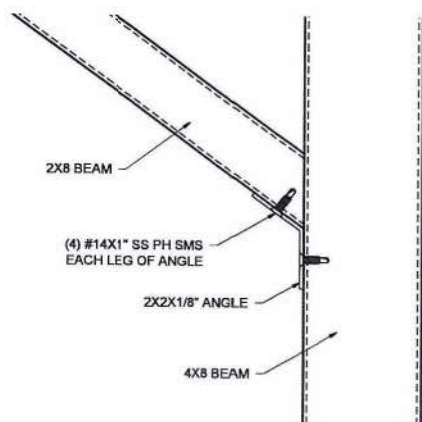
1415 N. Barcelona St.

Pensacola, FL 32501

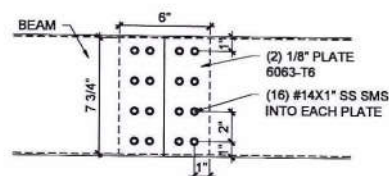
July 22, 2022 File:221266

S6

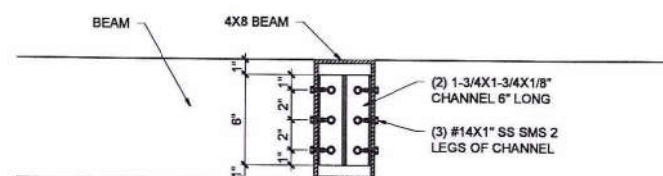
of 7



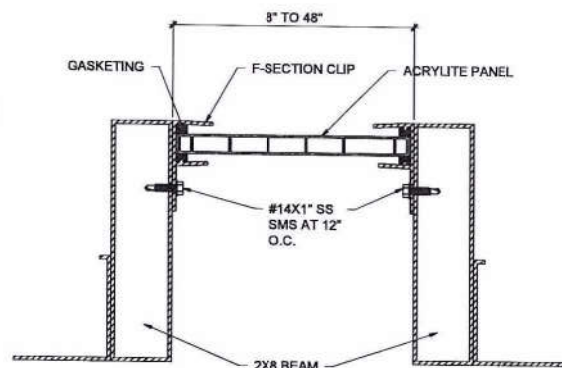
**6 TYPICAL ANGLED BEAM TO BEAM DETAIL**  
S7 SCALE: 3" = 1'-0"



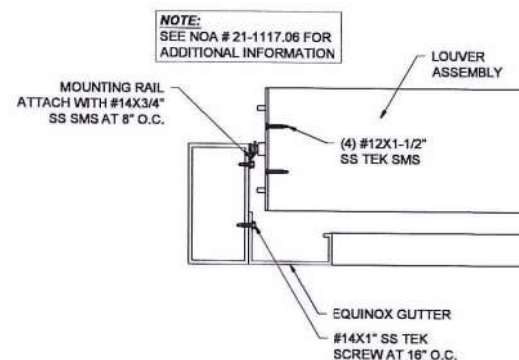
**4 SPLICE PLATE DETAIL**  
S7 SCALE: 1-1/2" = 1'-0"



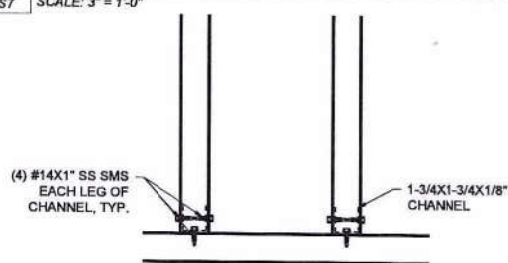
**2 4X8 BEAM TO BEAM SECTION**  
S7 SCALE: 1-1/2" = 1'-0"



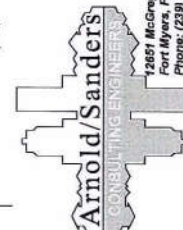
**3 ACRYLITE PANEL ATTACHMENT SECTION**  
S7 SCALE: 3" = 1'-0"



**1 LOUVER MOUNT DETAIL**  
S7 SCALE: 1-1/2" = 1'-0"



**5 BEAM TO BEAM DETAIL**  
S7 SCALE: 1-1/2" = 1'-0"



**The Lunden/ Riley Residence**  
1415 N. Barcelona St.  
Pensacola, FL 32501  
July 22, 2022 File: 221266

Riley/Lunden Residence

1415 Barcelona

Pensacola, Fl

Proposed New System

MIAMI DADE REPORTS

Shop Drawings of all components



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**OmniMax Holdings, Inc.**  
**4455 River Green Parkway**  
**Duluth, GA 30096**

**SCOPE:** This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Equinox Aluminum Louvered Canopy – N.I.**

**APPROVAL DOCUMENT:** Drawing No. **EQ-MDC1**, titled "Equinox Louvered Roof", sheet 1 of 1, dated 01/07/2015, with last revision dated 03/24/21, prepared by Carl Putnam, P.E., signed and sealed by Carl Putnam, P.E., bearing the Miami-Dade County Product Control Revision stamp with the NOA number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: None**

**LABELING:** A permanent label with the manufacturer's name or logo, manufacturing plant's city, state, model/ series, and the statement reading: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **revises NOA No. 20-0722.03** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



  
12/22/21

NOA No. 21-1117.06  
Expiration Date: September 17, 2025  
Approval Date: December 30, 2021  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 15-0406.01)*
2. Drawing No. **EQ-MDC1**, titled "Equinox Louvered Roof", sheet 1 of 1, dated 07/21/15, with last revision dated 01/07/15, prepared by Carl Putnam, P.E., signed and sealed by Carl Putnam, P.E.  
*(Submitted under NOA No. 20-0722.03)*

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 with marked-up drawings and installation diagram of Equinox Aluminum Louver System, prepared by Intertek/Architectural Testing, Inc, Report No. **D7097.01-109-18**, dated 09/24/14, with Revision 3 dated 03/19/15, signed and sealed by Michael D. Stremmel, P.E.  
*(Submitted under NOA No. 15-0406.01)*

**C. CALCULATIONS**

1. Structural load calculations prepared by Carl Putnam, P.E., dated 03/20/15, signed and sealed by Carl Putnam, P.E.  
*(Submitted under NOA No. 15-0406.01)*

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

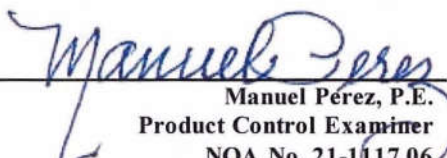
1. None.

**F. STATEMENTS**

1. Statement letter of code conformance, complying with the **FBC 6<sup>th</sup> Edition (2017)**, dated 07/14/20, issued by Carl Putnam, P.E., signed and sealed by Carl Putnam, P.E.  
*(Submitted under NOA No. 20-0722.03)*

**G. OTHERS**

1. Notice of Acceptance No. **17-0724.09**, issued to OmniMax Holdings, Inc. for their Equinox Aluminum Louvered Sun Shade, approved on 01/11/17 and expiring on 09/17/20.

  
Manuel Pérez, P.E.  
Product Control Examiner  
NOA No. 21-1117.06  
Expiration Date: September 17, 2025  
Approval Date: December 30, 2021

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **EQ-MDC1**, titled "Equinox Louvered Roof", sheet 1 of 1, dated 01/07/15, with last revision dated 03/24/21, prepared by Carl Putnam, P.E., signed and sealed by Carl Putnam, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**


1. None.

**F. STATEMENTS**

1. Statement letter of code conformance, complying with the **FBC 7<sup>th</sup> Edition (2020)**, dated 03/24/21, issued by Carl Putnam, P.E., signed and sealed by Carl Putnam, P.E.

**G. OTHERS**

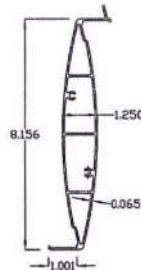
1. Notice of Acceptance No. **20-0722.03**, issued to OmniMax Holdings, Inc. for their Equinox Aluminum Louvered Canopy, approved on 10/01/20 and expiring on 09/17/25.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 21-1117.06  
Expiration Date: September 17, 2025  
Approval Date: December 30, 2021

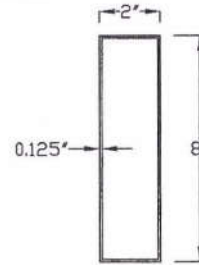
Notes:

1. The supporting framework or structure (including the 2x8 aluminum box headers) is to be designed by a Florida licensed design professional.
2. Deflections in HVHZ for R-3 structures under 12' ROOF PROJECTION are limited by L/80 as per 2020 FBC 1616.3.1 #8.
3. Deflections in HVHZ for ROOF PROJECTIONS (e.g. multispan) over 12' are limited by L/180 as per 2020 FBC Section 1616.3.1 #7
4. The weight of the Equinox Louvers is 1.9 plf or 2.9 psf.
5. This product is to be used for exterior shade structures, such as patio covers, carports, outdoor dining areas and similar.
6. Span is the louver length plus the aluminum mounting rail on both sides, this is usually the inside to inside dimension of the supporting headers/framework. See Detail F6.

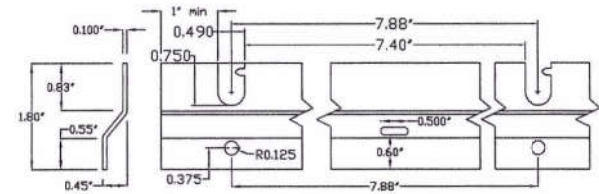
DETAIL F1  
EXTRUDED 6063T6  
ALUMINUM LOUVER



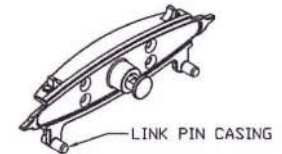
DETAIL F2  
2"x8" EQUINOX HEADER AND  
RETURN BEAM  
(6061-T6 ALUM. ALLOY)



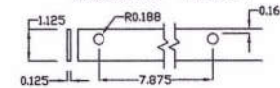
DETAIL F3  
EQUINOX LOUVER  
MOUNTING RAIL  
0.100" 6005A-T5 ALUM



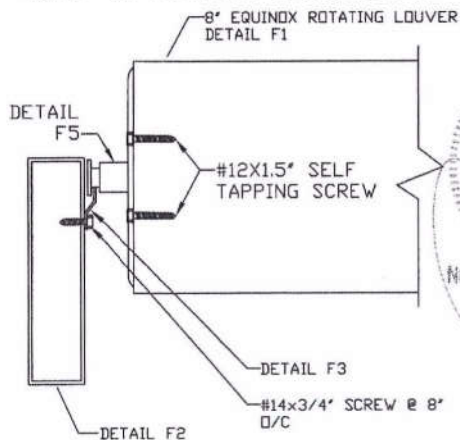
DETAIL F5  
CAST ALUMINUM A380  
END CAP



DETAIL F7  
LINK BAR  
6061T6 ALUM



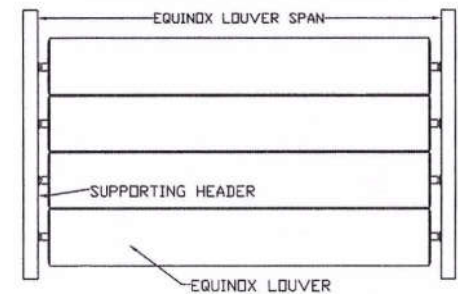
DETAIL F4  
EQUINOX LOUVER TO MOUNTING  
RAIL TO HEADER CONNECTION



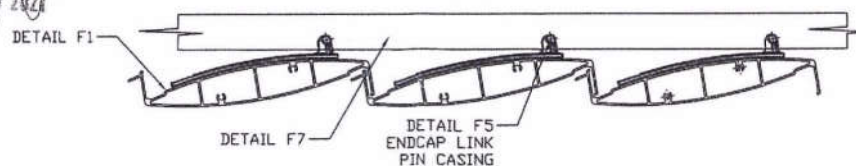
Equinox Louver		Deflection Limits (Span / #)			
		Span	L/80	L/180	L/180
(in)	(ft)		Allowable Uplift Pressures (psf)		Allowable Down/Gravity Pressures (psf)
92"	7.67'		80.5	36.7	75.9
98"	8.17'		66.9	30.7	62.3
104"	8.67'		56.3	26.0	51.7
110"	9.17'		47.8	22.2	43.2
116"	9.67'		41.0	19.2	36.4
122"	10.17'		35.5	16.7	30.9
128"	10.67'		31.0	14.7	26.4
134"	11.17'		27.2	13.1	22.6
140"	11.67'		24.1	11.7	19.5

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **21-1117.06**  
Expiration Date: **09/17/2025**  
By: *Manuel Perez*  
Miami-Dade Product Control

DETAIL F6  
EQUINOX LOUVER SPAN



DETAIL F8 ASSEMBLED LOUVERS W/ LINK BAR



Product Drawing # EQ-MDC1  
Equinox Louvered Roof

DATE	DRAWN BY	CARL PUTNAM	3442 IVYLINK PLACE LYNNBURG, VA 24092 (540) 384-0354 CARLPUTNAM@COMCAST.NET
1/7/15	CMP	P.E. FL #59735	
7/18/17	CMP	OmniMax	4455 Rivergreen Pkwy Duluth, GA 30096
5/8/18	CMP	International, Inc.	(770) 449-6818
3/24/21	CMP	FILE	EquinoxPlans2020FBC_MDC.dwg [Page 1 of 1]

# What is Equinox®?

Equinox® is a louvered roof system that moves at your command for full sun, filtered shade, or fully closed for sun and rain protection, allowing you to bring your living space outdoors. No matter what the occasion, **live life uninterrupted.**

# Why Equinox®?

The Equinox® Louvered Roof is manufactured with quality elements and precision engineered for exclusive comfort and control. Equinox® enhances any outdoor living area through uncompromising versatility and style. Our patio system is strong, conforming to most wind and snow load requirements. Equinox® Louvered Roof is designed to deliver a premium experience through premium quality allowing you to transform any outdoor space.

*"Our Equinox system is the best investment I've put into my home."*

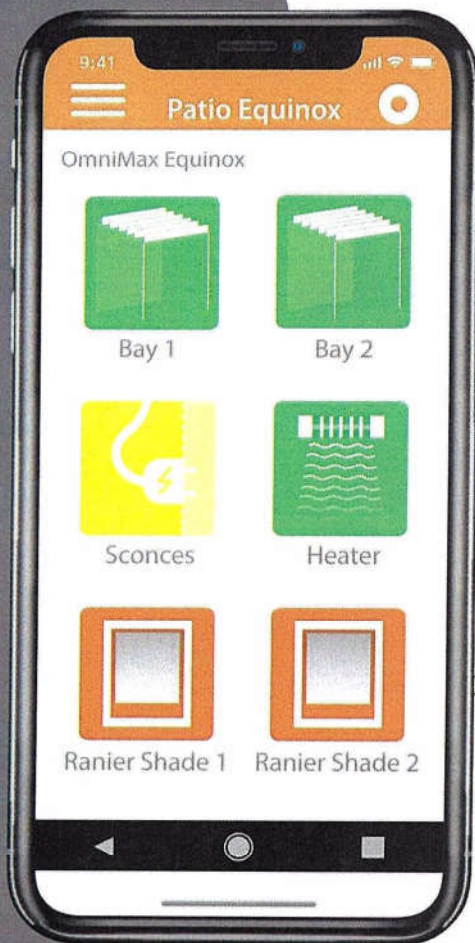
*- Arizona Homeowner*

# Create your **VIP Experience**

**V**alue - lower cost of ownership over the lifetime of your pergola  
**I** Integrated - all elements working as one  
**I**nnovative - redefining what's possible  
**I**nspired - personalize the space beyond your walls  
**P**ersonal - customize to match your environment



# VERY INTEGRATED PATIO



Create a variety of scenes on the app to set different moods with lighting or levels of comfort with shade and ventilation with the simple touch of a button.

Out of town and bad weather strikes at home? **Control your system from anywhere** via Wi-Fi or incorporate optional sensors to give you peace of mind.

Create custom schedules to automate your Equinox® scenes and step into your ideal outdoor living space.

Don't waste time searching for a collection of remotes to adjust individual elements of your system. Use the app to **control everything from one source** with ease.

Relax and enjoy your outdoor space knowing your app control system is **password protected and securely integrated** with your existing Wi-Fi.

With **limitless add-on capabilities**, enjoy the freedom to incorporate more elements to your system in the future.

Control your Equinox™ system with Amazon's Alexa – simply enable the Somfy® myLink™ skill, and say (for example) "Alexa, tell myLink™ to play BBQ scene."



## Smart Home System Integration

The Somfy system is compatible with popular smart home systems available on the market today. Incorporate your outdoor oasis into your technology driven home. For complete details: [www.somfysystems.com](http://www.somfysystems.com)

# INNOVATIVE

Redefining what's possible

## Precision Engineered Motor and Louvers

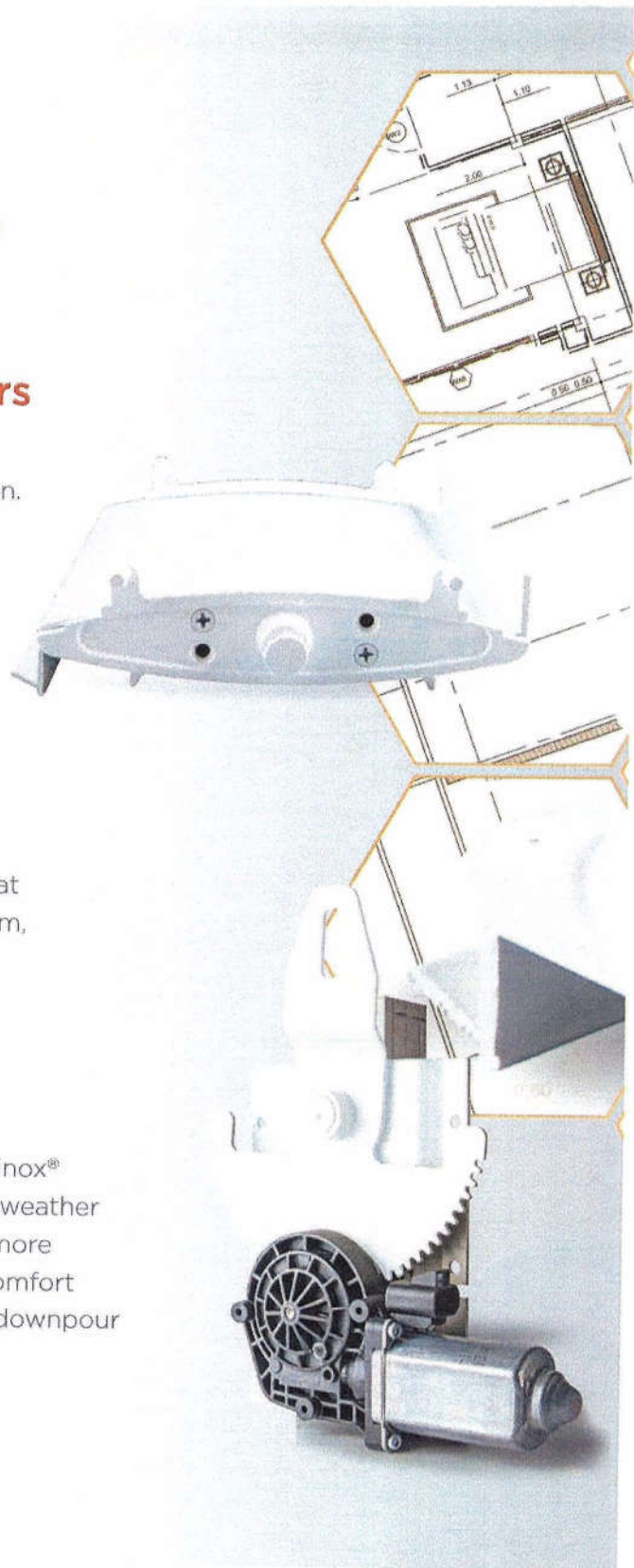
An innovative smart motor system moves the louvers into the perfect position for ventilation, sun blocking or rainfall protection. Designed with extruded aluminum, the system is strong, lightweight and durable. The low maintenance louvers can be positioned for the perfect amount of protection or ventilation.

## Built-In Gutters

The Equinox® Louvered Roof system utilizes a high-capacity integrated hidden gutter system that manages rainwater runoff. At installation, the louvered roof is precisely angled to ensure that rainwater flows into the gutters along the perimeter of the system, keeping your space dry and comfortable.

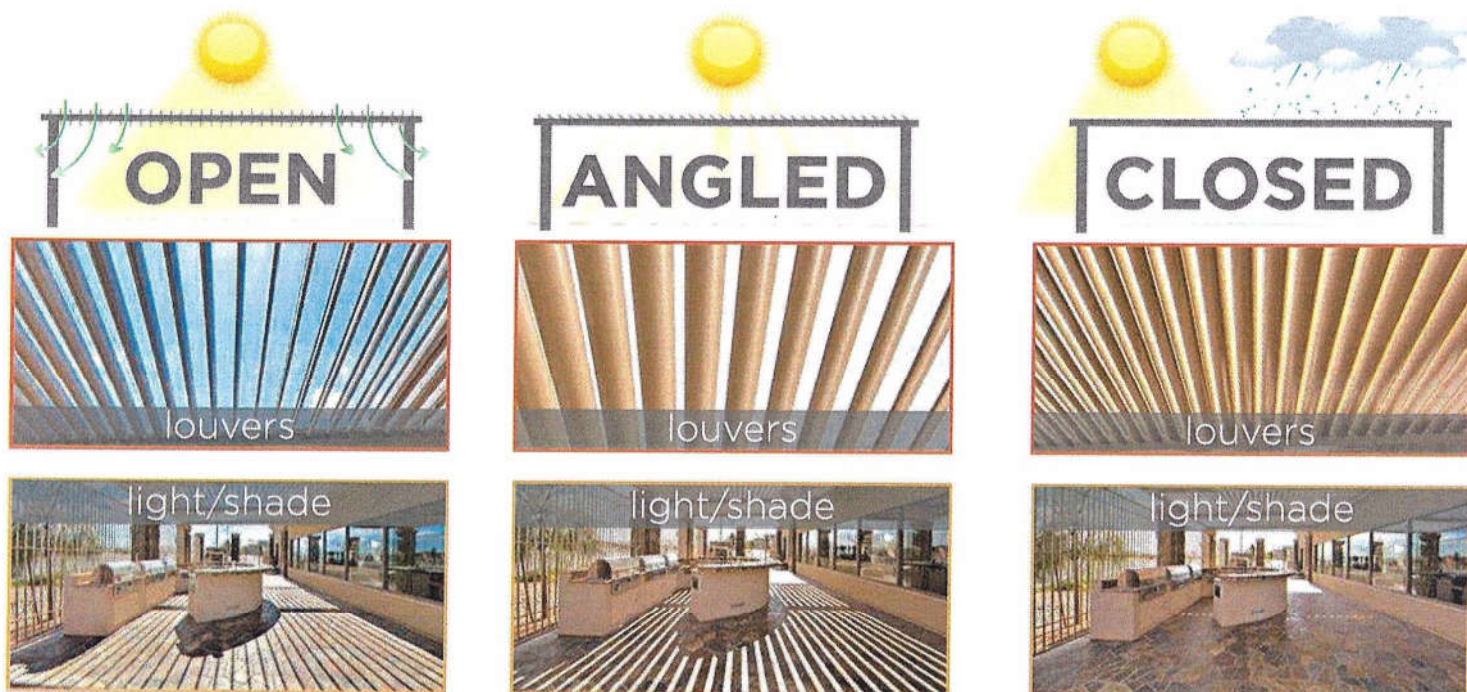
## Rain & Wind Sensors

These state-of-the-art sensors are designed to protect your Equinox® Louvered Roof system even when you're not home. They detect weather occurrences and automatically adjust your louvers, screens, and more to prevent damage, maximize energy savings and ensure your comfort everyday. The system will close your roof during an unexpected downpour or open it during windy conditions.



# COMFORT & PROTECTION

The wide range of motion of our louvers allows control of the amount of light and ventilation for your outdoor space no matter the time of day. Your Equinox® system's optional rain, wind and sun sensors automatically control your louvers based on current weather conditions.



## ① ALL METAL CONSTRUCTION

### Benefits of Aluminum

The Equinox® Louvered Roof is made from extruded aluminum and offers greater durability and longevity than traditional wood, composite or steel patio covers. Equinox® Louvered Roof aluminum components are made to last and will outperform in heat and rain. Your Equinox® pergola will deliver long-term performance without the use of paint, stain or harmful cleaning chemicals. Enjoy low-maintenance, corrosion-resistant and insect-proof construction that stands the test of time.

UP TO **3x**  
longer life  
than traditional  
wood or  
composite.



Create your VIP Experience at [EquinoxRoof.com](http://EquinoxRoof.com)

# PEACE of MIND

## 20-Year Warranty

Equinox® Louvered Roof systems are made to last. Equinox® Louvered Roof is made from all metal components providing greater durability than traditional patio covers. Unlike plastic or fabric, our metal components will perform in both heat and rain environments. We are committed to bringing you products of the highest quality and value. *(The 20 year warranty only applies to the aluminum parts and paint. Electrical items and the control system have a 3 year warranty.)*



Envision your Equinox® Louvered Roof system complementing your home and lifestyle. Applications include patios, decks, spas, swimming pools, outdoor kitchens, BBQ areas, gazebos, courtyards, entryways or anywhere that sun, light and weather control is desired.

To create your VIP Experience, visit **EquinoxRoof.com**. View our gallery and visualizer for more inspiration.

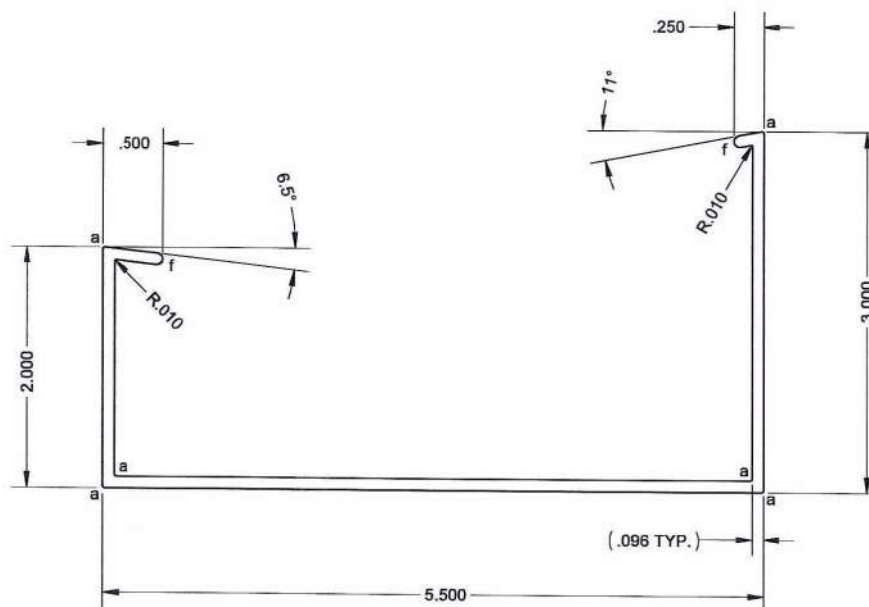
CONNECT  
WITH US



Discover even more ways to enjoy your Equinox® Louvered Roof system when you interact with our social media channels on Houzz, Pinterest, Instagram, and Facebook.

**Share Your Experience**  
**#EquinoxLouveredRoof**

DIVISION: EQUINOX



VISIBLE SURFACES

SCALE 1 : 2

a = R.020

f = FULL R

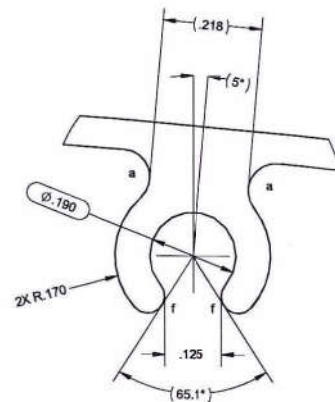
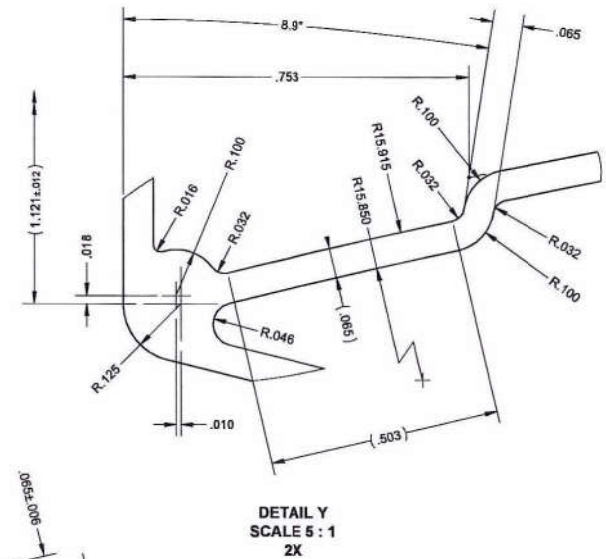
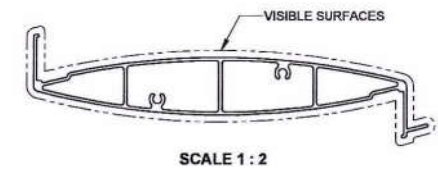
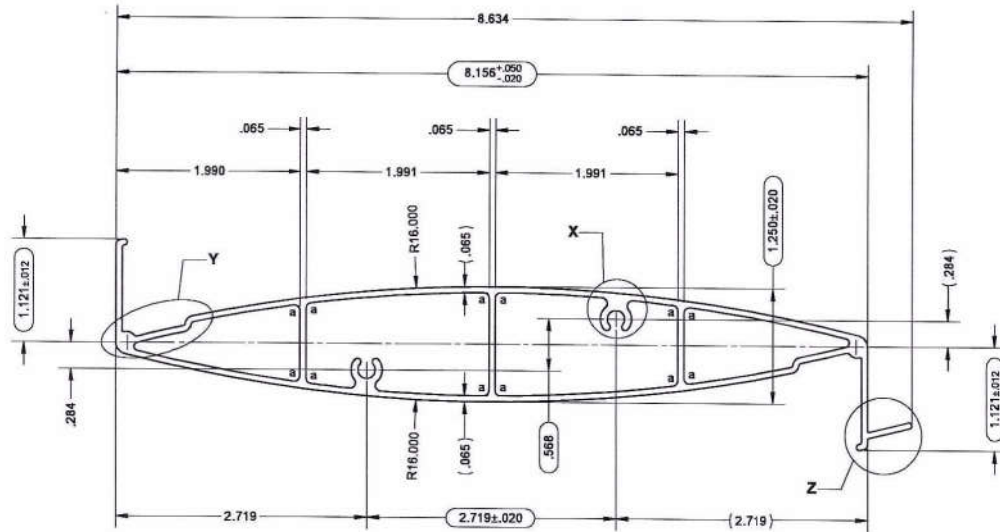
☒ DENOTES CRITICAL DIMENSION  
ALL THREADS ARE CRITICAL

ITEM NO.	CUT LENGTH, L (INCHES)
X6530	192.00 +.313 / -0
X6531	240.00 +.313 / -0
X6532	288.00 +.313 / -0

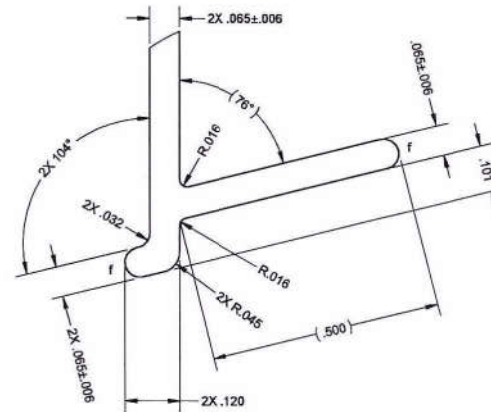
NOTES, UNLESS OTHERWISE SPECIFIED:

- DIMENSIONS ACROSS CENTERLINES ARE SYMMETRIC
- NOMINAL WALL THICKNESS: .096 ± .006
- CIRCUMSCRIBING CIRCLE: Ø6.251
- LOCATION OF ANY MANUFACTURER MARK TO BE APPROVED BY RESPONSIBLE ENGINEERING DEPARTMENT
- AVG. COATING THICKNESS (CURED) SHALL BE 2.7 - 4.5 MILS
- DIMENSIONS SHOWN APPLY BEFORE POWDER COATING
- "\_" AT END OF DRAWING NUMBER CAN BE EITHER OF THE FOLLOWING: 0, 1 OR 2 (SEE CUT LENGTH TABLE)
- DEPENDING ON COLOR, APPROPRIATE CODE ADDED TO END OF ITEM NUMBER

MASS / WEIGHT: 1.22 LBS / FT VOLUME: 12.48 IN <sup>3</sup> / FT SURFACE AREA: 283.15 IN <sup>2</sup> / FT		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OMNIMAX INTERNATIONAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OMNIMAX INTERNATIONAL, INC. IS PROHIBITED. THIS DRAWING IS CONTROLLED BY OMNIMAX INTERNATIONAL, INC. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE RESPONSIBLE ENGINEERING DEPT.			
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES GENERAL TOLERANCES  <b>ANSI H35.2 STANDARD</b>		APPLICABLE STANDARDS AAMA 2604 OMS-002		ECN NO. REV. VLR. DESCRIPTION - A 00 INITIAL DRAWING 9/14/2021 ST	
REQUIREMENTS FOR CORROSION RESISTANCE ACCORDING TO:		DO NOT SCALE DRAWING REFER TO 3D MODEL FOR MISSING DIMENSIONS / CONTOURS		LATEST REVISION HISTORY DESCRIPTION <b>GUTTER</b>	
SHEET SIZE: B DRAWN BY: S. TALIAFERRO CHECKED BY: R. MCPEAK APPROVED BY: S. TALIAFERRO DATE: 8/19/2021 DATE: 9/14/2021 DATE: 9/14/2021		SCALE: 1:1 TYPE: DRAW 0		DRAWING NO. <b>X653</b> STATUS: RELEASED REV. <b>A</b> VER. <b>00</b>	
30 Technology Parkway South, Suite 400 Peachtree Corners, GA 30092		SHEET 1 OF 1			



DETAIL X  
SCALE 5 : 1  
2X



DETAIL Z  
SCALE 5 : 1

a = R.060  
f = FULL R

⊗ DENOTES CRITICAL DIMENSION  
ALL THREADS ARE CRITICAL

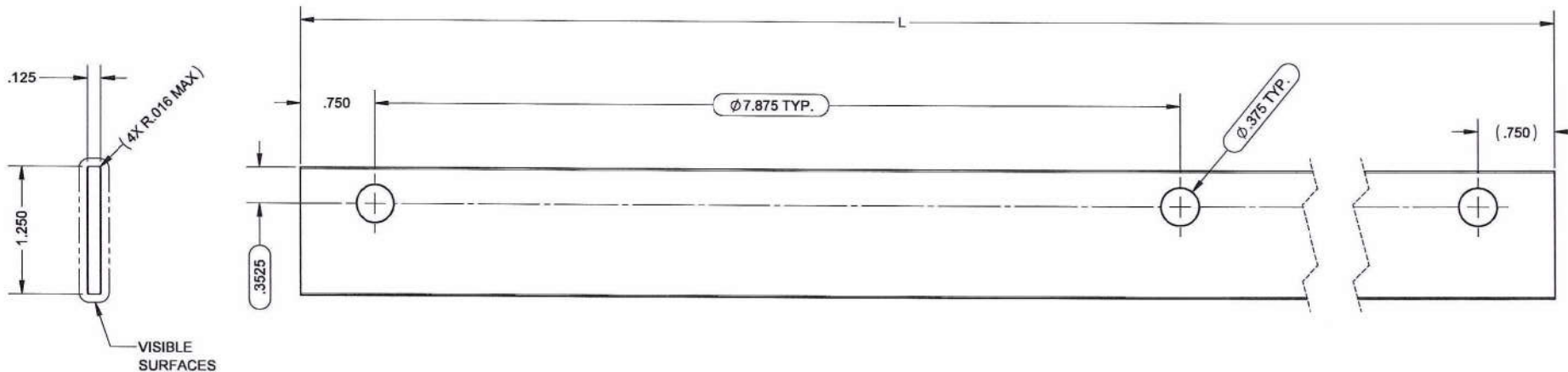
REVISION	DATE	DESCRIPTION
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## NOTES, UNLESS OTHERWISE SPECIFIED:

- DIMENSIONS ACROSS CENTERLINES ARE SYMMETRIC
- NOMINAL WALL THICKNESS: .065 ± .010
- CIRCUMSCRIBING CIRCLE: Ø8.847
- LOCATION OF ANY MANUFACTURER MARK TO BE APPROVED BY RESPONSIBLE ENGINEERING DEPARTMENT
- AVG. COATING THICKNESS (CURED) SHALL BE 2.7 - 4.5 MILS
- DIMENSIONS SHOWN APPLY BEFORE POWDER COATING
- "-" AT END OF DRAWING NUMBER CAN BE EITHER OF THE FOLLOWING: 1, 2, 3 OR 4 (SEE CUT LENGTH TABLE)
- DEPENDENT ON COLOR, APPROPRIATE CODE ADDED TO END OF ITEM NUMBER

MASS / WEIGHT: 1.88 LBS / FT VOLUME: 19.26 IN <sup>3</sup> / FT SURFACE AREA: 544.29 IN <sup>2</sup> / FT		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OMNIMAX INTERNATIONAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OMNIMAX INTERNATIONAL, INC. IS PROHIBITED. THIS DRAWING IS CONTROLLED BY OMNIMAX INTERNATIONAL, INC. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE RESPONSIBLE ENGINEERING DEPT.	
APPLICABLE STANDARDS AAMA 2604 OM5-022		REG. REQUIREMENTS FOR CORROSION RESISTANCE ACCORDING TO: DO NOT SCALE DRAWING REFER TO 3D MODEL FOR MISSING DIMENSIONS / CONTOURS	
ANSI H35.2 STANDARD		LATEST REVISION HISTORY DESCRIPTION LOUVER	
SHEET 001		DRAWING NO. X6559	
DESIGNED BY S. TALIAFERRO		DATE 8/29/2021	
CHECKED BY R. MCPEAK		DATE 9/8/2021	
APPROVED BY S. TALIAFERRO		DATE 9/13/2021	
30 Technology Parkway South, Suite 400 Peachtree Corners, GA 30090		STATUS: RELEASED	
SCALE 1:1		REV. A 00	
SHEET 1 OF 1		SHEET 1 OF 1	

DIVISION: EQUINOX



ITEM NO.	CUT LENGTH, L (INCHES)
X6560A	96.00 +.125 / -0
X6562A	237.75 +.25 / -0

GENERAL TOLERANCES FOR DETAIL PERFORMED BY MATERIAL REMOVAL	
DIMENSION	TOLERANCE
X < .250	± .004
.250 ≤ X < 1.000	± .008
1.000 ≤ X < 5.000	± .012
5.000 ≤ X < 16.000	± .020

NOTES, UNLESS OTHERWISE SPECIFIED:

- DIMENSIONS ACROSS CENTERLINES ARE SYMMETRIC
- CIRCUMSCRIBING CIRCLE: Ø1.260
- BURR ALLOWANCE IS 10% MATERIAL THICKNESS, MAX.
- LOCATION OF ANY MANUFACTURER MARK TO BE APPROVED BY RESPONSIBLE ENGINEERING DEPARTMENT
- AVG. COATING THICKNESS (CURED) SHALL BE 2.7 - 4.5 MILS
- DIMENSIONS SHOWN APPLY BEFORE POWDER COATING

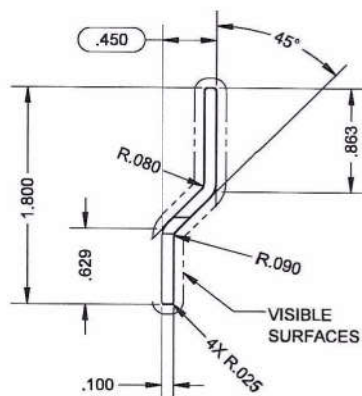
ØX DENOTES CRITICAL DIMENSION  
ALL THREADS ARE CRITICAL

COLOR	-
COATING	-
MATERIAL	-
6061-T6 ALUMINUM ALLOY PER ASTM B221	

<b>MASS / WEIGHT:</b> 0.18 LBS / FT <b>VOLUME:</b> 1.85 IN <sup>3</sup> / FT <b>SURFACE AREA:</b> 33.17 IN <sup>2</sup> / FT		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OMNIMAX INTERNATIONAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OMNIMAX INTERNATIONAL, INC. IS PROHIBITED. THIS DRAWING IS CONTROLLED BY OMNIMAX INTERNATIONAL, INC. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE RESPONSIBLE ENGINEERING DEPT.																					
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES GENERAL TOLERANCES - ANSI H35.2 (PROFILE) - FOR MATERIAL REMOVAL, SEE TABLE		<b>APPLICABLE STANDARDS</b> AAMA 2604 OMS-002		<table border="1"> <tr> <th>ECN NO.</th> <th>REV.</th> <th>VER.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPR.</th> </tr> <tr> <td>-</td> <td>A</td> <td>01</td> <td>ADDED OMS-002 COLOR SPEC., UPDATED LOGO</td> <td>9/28/2021</td> <td>ST</td> </tr> <tr> <td>-</td> <td>A</td> <td>00</td> <td>TRANSFERRED TO NEW DWG FORMAT; MOD. TOLERANCES</td> <td>7/12/2021</td> <td>ST</td> </tr> </table>		ECN NO.	REV.	VER.	DESCRIPTION	DATE	APPR.	-	A	01	ADDED OMS-002 COLOR SPEC., UPDATED LOGO	9/28/2021	ST	-	A	00	TRANSFERRED TO NEW DWG FORMAT; MOD. TOLERANCES	7/12/2021	ST
ECN NO.	REV.	VER.	DESCRIPTION	DATE	APPR.																		
-	A	01	ADDED OMS-002 COLOR SPEC., UPDATED LOGO	9/28/2021	ST																		
-	A	00	TRANSFERRED TO NEW DWG FORMAT; MOD. TOLERANCES	7/12/2021	ST																		
<b>REQUIREMENTS FOR CORROSION RESISTANCE ACCORDING TO:</b>		<b>DO NOT SCALE DRAWING</b> REFER TO 3D MODEL FOR MISSING DIMENSIONS / CONTOURS		<b>LATEST REVISION HISTORY</b>																			
<b>DESCRIPTION</b> <b>LINK BAR</b>		<b>DRAWING NO.</b> <b>X656_A</b>		<b>REV.</b> <b>A</b>																			
<b>STATUS:</b> RELEASED		<b>SHEET</b> 1 OF 1		<b>VERS.</b> <b>01</b>																			



DIVISION: EQUINOX



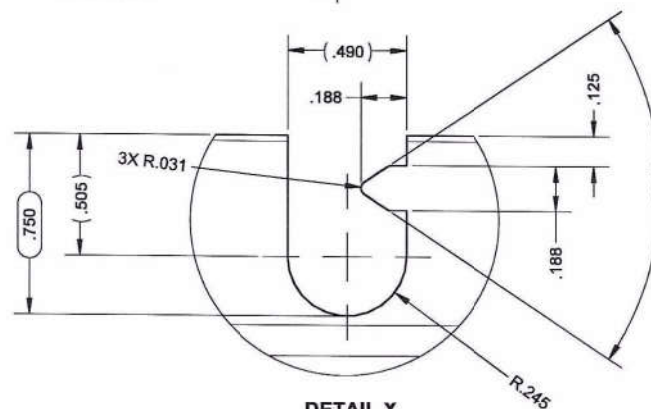
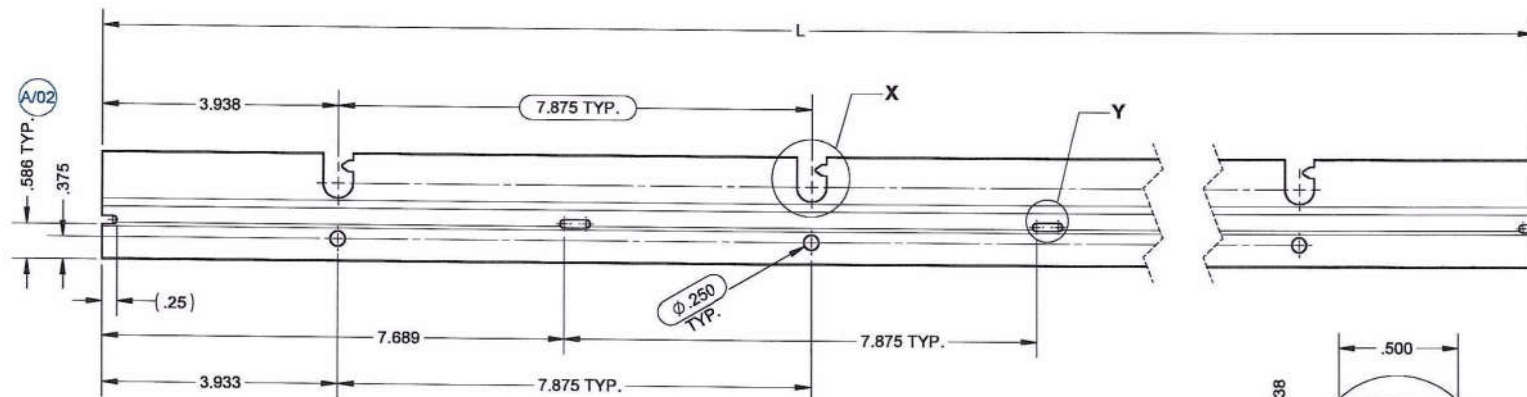
**SCALE 1 : 1**

ITEM NO.	CUT LENGTH, L (INCHES)
X6570A	94.50 +.125 / -0
X6572A	236.25 +.25 / -0

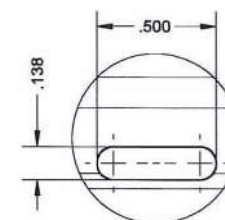
GENERAL TOLERANCES FOR DETAIL PERFORMED BY MATERIAL REMOVAL	
DIMENSION	TOLERANCE
$X < .250$	$\pm .004$
$.250 \leq X < 1.000$	$\pm .008$
$1.000 \leq X < 5.000$	$\pm .012$
$5.000 \leq X < 16.000$	$\pm .020$

NOTES, UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONS ACROSS CENTERLINES ARE SYMMETRIC
2. CIRCUMSCRIBING CIRCLE: Ø1.866
3. ALTERNATIVE MATERIAL 6005A-T6 PER EN 755-2 ALLOWED
4. BURR ALLOWANCE FROM PUNCHING IS 10% MATERIAL THICKNESS, MAX.
5. LOCATION OF ANY MANUFACTURER MARK TO BE APPROVED BY RESPONSIBLE ENGINEERING DEPARTMENT
6. AVG. COATING THICKNESS (CURED) SHALL BE 2.7 - 4.5 MILS
7. DIMENSIONS SHOWN APPLY BEFORE POWDER COATING



DETAIL X  
SCALE 2 : 1  
TYP.



DETAIL Y  
SCALE 2 : 1  
TYP.

(X)X DENOTES CRITICAL DIMENSION  
ALL THREADS ARE CRITICAL

COLOR	+
COATING	CUSTOM
MATERIAL	POWDER COATED
6061-T6 ALUMINUM ALLOY PER ASTM B221 (OR ASTM B208)	
6005A-T61 ALUMINUM ALLOY PER ASTM B221	

MASS / WEIGHT:	0.22	LBS / FT
VOLUME:	2.23	IN <sup>3</sup> / FT
SURFACE AREA:	47.80	IN <sup>2</sup> / FT

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS ARE IN INCHES  
GENERAL TOLERANCES

- ANSI H35.2 (PROFILE)
- FOR MATERIAL REMOVAL  
SEE TABLE




**OmniMax<sup>®</sup>**  
International

30 Technology Parkway South, Suite 40  
Peachtree Corners, GA 30092

**PROPRIETARY AND CONFIDENTIAL** THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OMNIMAX INTERNATIONAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OMNIMAX INTERNATIONAL, INC. IS PROHIBITED. THIS DRAWING IS CONTROLLED BY OMNIMAX INTERNATIONAL, INC. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE RESPONSIBLE ENGINEERING DEPT.

APPLICABLE STANDARDS  
AAMA 2604  
OMS-002

REQUIREMENTS FOR CORROSION  
RESISTANCE ACCORDING TO:

SHEET SIZE	B	DRAWN BY S. TALL
 THIRD ANGLE	CHECKED BY R.	APPROVED BY S. TALL

.	A	01	ADDED O
.	A	02	ADDED 6
ECN NO.	REV	VER	DESCRIPT

ON	DO NOT SCALE DRAWING REFER TO 3D MODEL FOR MISSING DIMENSIONS / CONT
----	--

LAFFERRO	DATE	5/8/2021	SCALE	1:2
MCPEAK	DATE	7/7/2021	TYPE	DR
LAFFERRO	DATE	7/10/2021		

MS-002 COLOR SPEC., UPDATED LOGO  
051-T6 MAT'L AND DIM; CORRECTED TEM  
ON

LATEST REVISION HISTORY	
DESCRIPTION	
PIVOT STRIP	

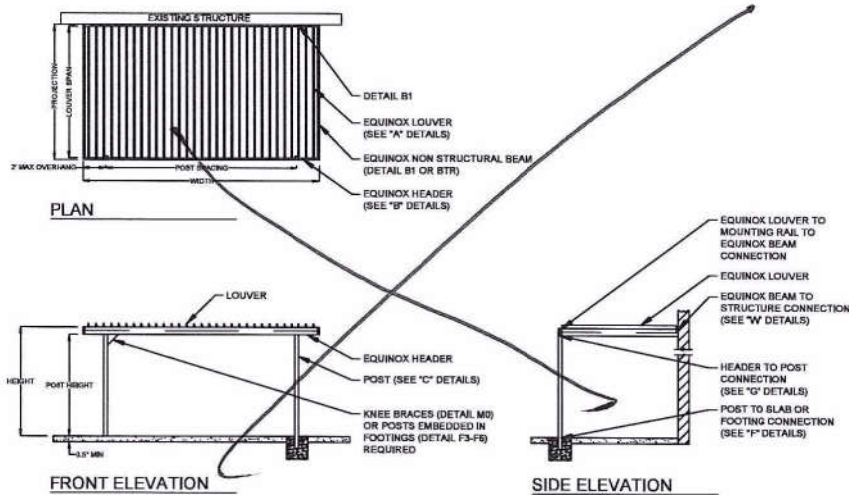
DRAWING NO.  
**X657\_A**

	9/28/2021	ST
PER ON 6005A	2/23/2022	ST
	DATE	APPS

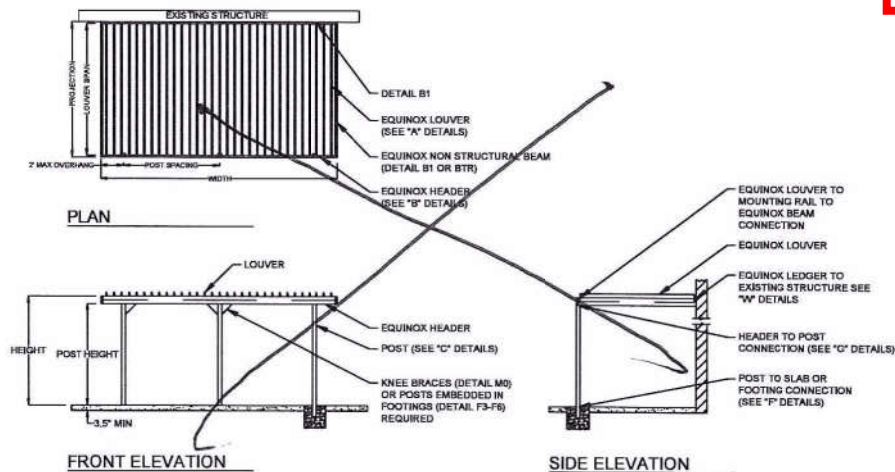
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	REV.	VERS.
	A	02

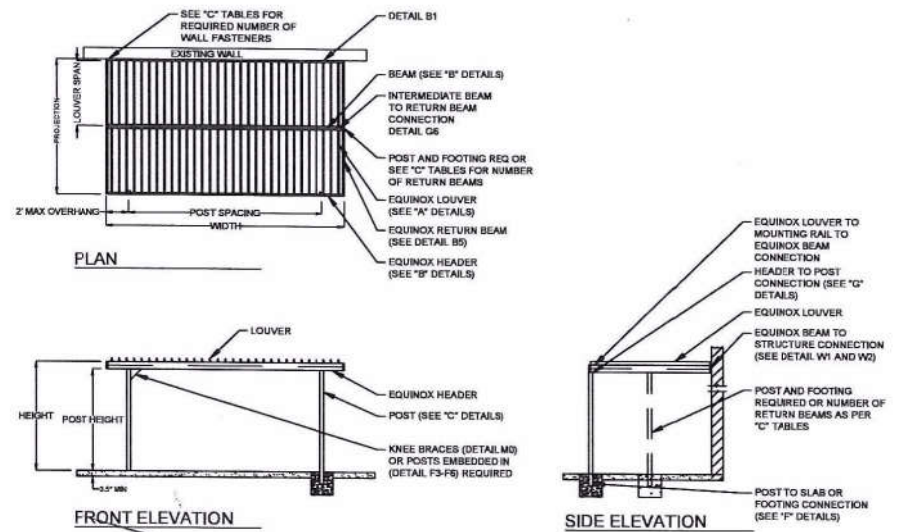
1 SHEET 1 OF 1



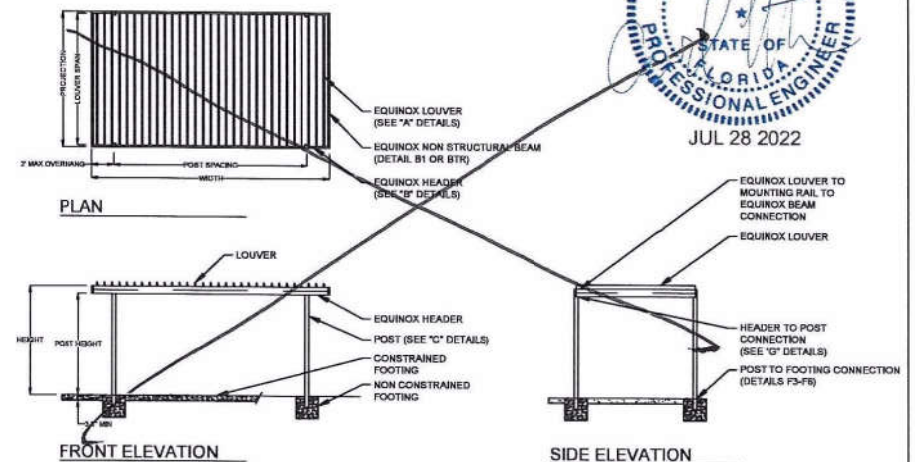
**STRUCTURE TYPE A** - ATTACHED STRUCTURES WITH SINGLE SPAN LOUVERS (2 POST ONLY)



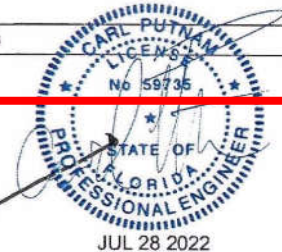
**STRUCTURE TYPE B** - ATTACHED STRUCTURES WITH SINGLE SPAN LOUVERS (3 POST MINIMUM)



**STRUCTURE TYPE C** - ATTACHED MULTI SPAN LOUVERS AND SINGLE SPAN HEADERS



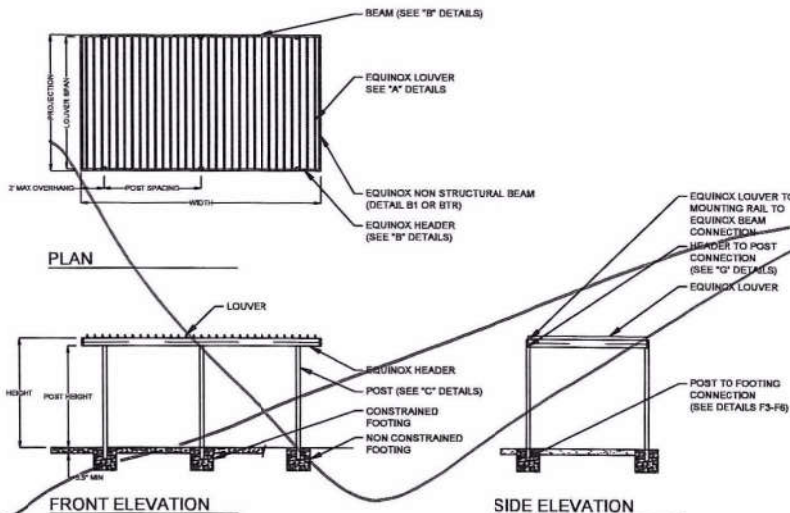
**STRUCTURE TYPE D** - FREESTANDING STRUCTURE W/ SINGLE SPAN LOUVERS (4 POST ONLY)



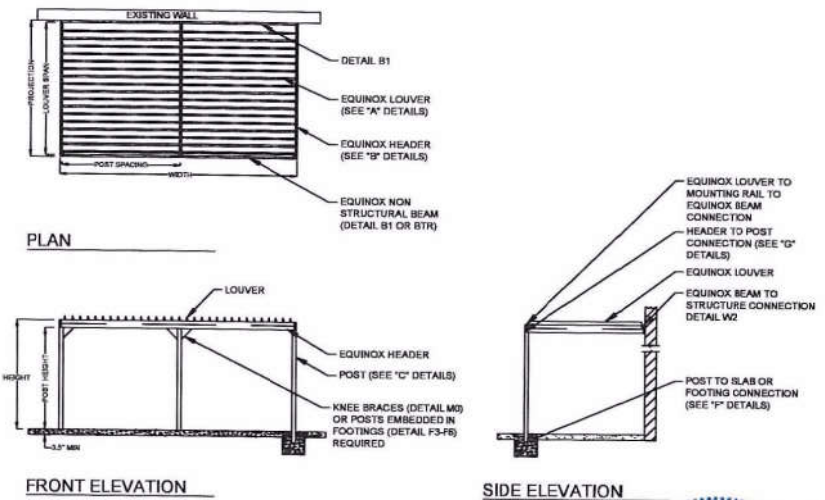
DATE	DRAWN BY	CMP	DESIGNER	STANDARD PLANS
06-02-22	CMP		CARL PUTNAM P.E.	
			OMNIMAX	

2441 577 LINK PLACE  
LYNCHBURG, VA 24502  
CARLPUTNAM@COMCAST.NET

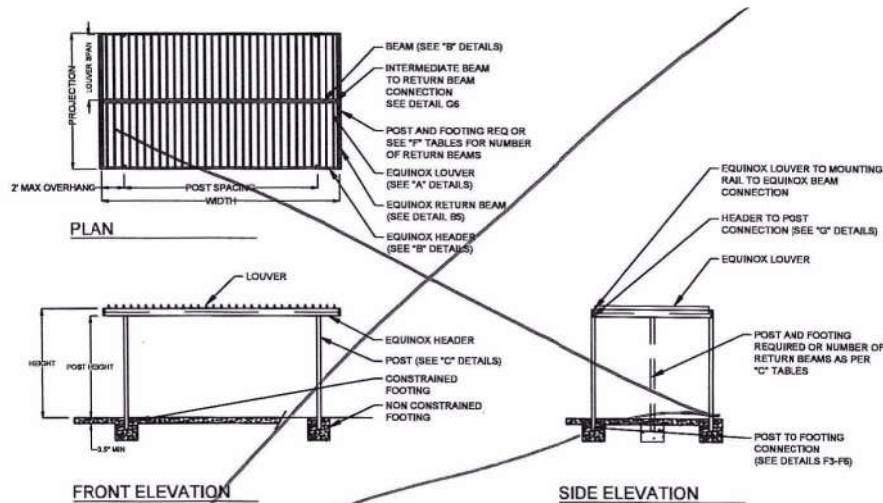
30 TECHNOLOGY PARK S. #400  
PEACHTREE CORNERS, GA



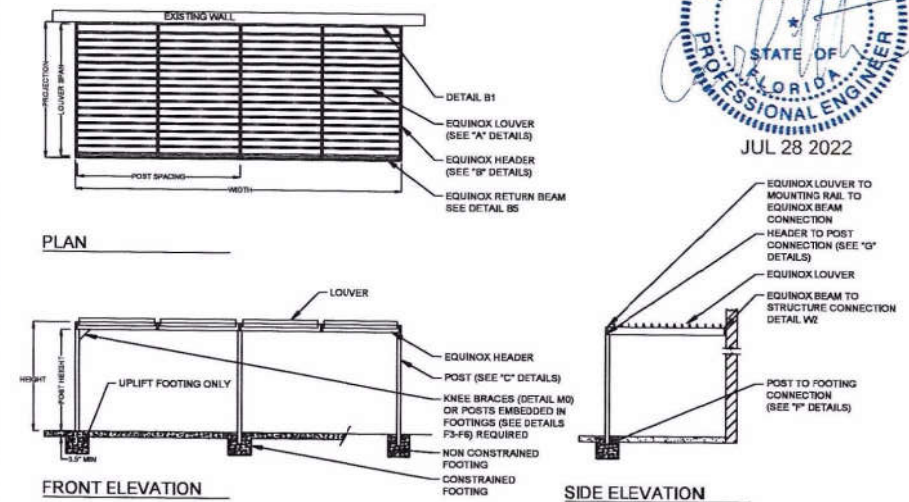
**STRUCTURE TYPE E - FREESTANDING STRUCTURE SINGLE SPAN LOUVERS (6 POST MIN)**



**STRUCTURE TYPE G - ATTACHED STRUCTURE W/ LOUVERS PARALLEL W/ BUILDING WALL**



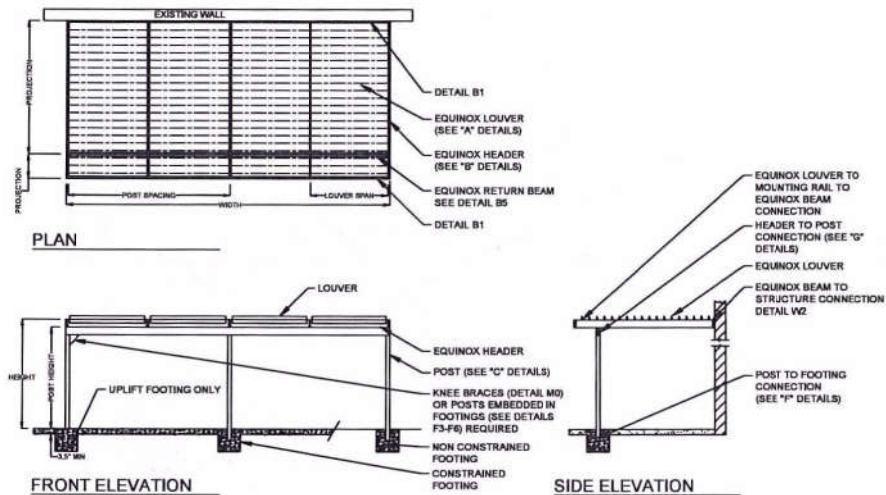
**STRUCTURE TYPE F - FREESTANDING STRUCTURE W/ MULTI SPAN LOUVERS (4-6 POSTS ONLY)**



**STRUCTURE TYPE H - ATTACHED STRUCTURE W/ LOUVERS PARALLEL W/ BUILDING WALL AND RETURN BEAMS**



DATE	DRAWN BY	CARL PUTNAM P.E.	3441 IVY LINK PLACE LYND HURD, VA 24533 CARLPUTNAM@COMCAST.NET
06-02-22	CMP	OMNIMAX	30 TECHNOLOGY PARK S. #400 PEACHTREE CORNERS, GA
		DESIGN	STANDARD PLANS
			4



**STRUCTURE TYPE I - ATTACHED STRUCTURE W/ LOUVERS**  
PARALLEL W/ BUILDING WALL AND RETURN BEAMS



JUL 28 2022

DATE	DRAWN BY	CHECKED BY	DESIGNED BY
06-02-22	CMP		

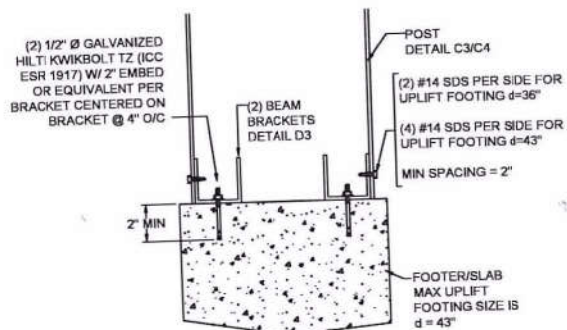
CARL PUTNAM P.E.

2441 IVY LINK PLACE  
LYNCHBURG, VA 24503  
CARLPUTNAM@COMCAST.NET  
30 TECHNOLOGY PARK S. #400  
PEACHTREE CORNERS, GA

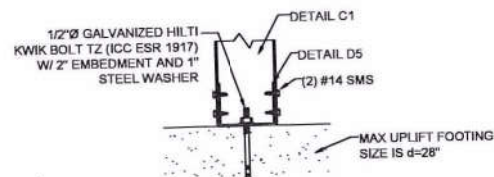
OMNIMAX

STANDARD PLANS

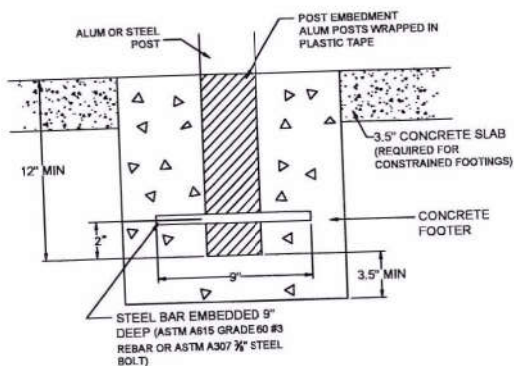
5



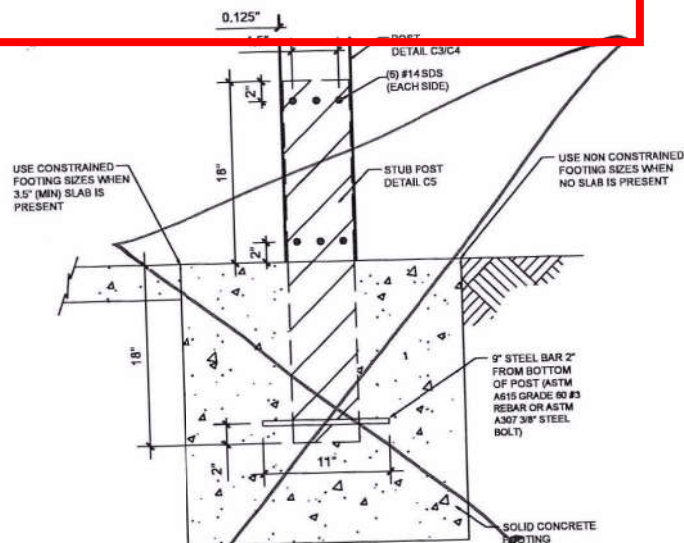
**F1** 6" AND 7" POST TO FOOTING/SLAB CONNECTION  
DETAIL  
UPLIFT ONLY



**F2** POST TO FOOTING/SLAB CONNECTION DETAIL  
UPLIFT ONLY



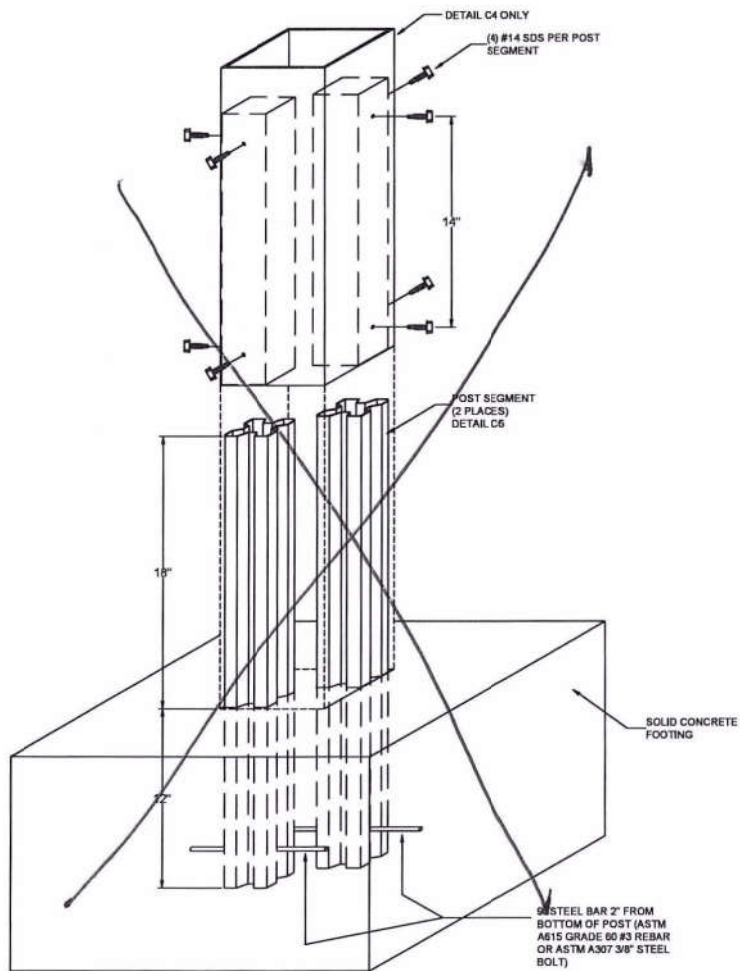
**F3** POST TO FOOTING DETAIL  
MOMENT RESISTING



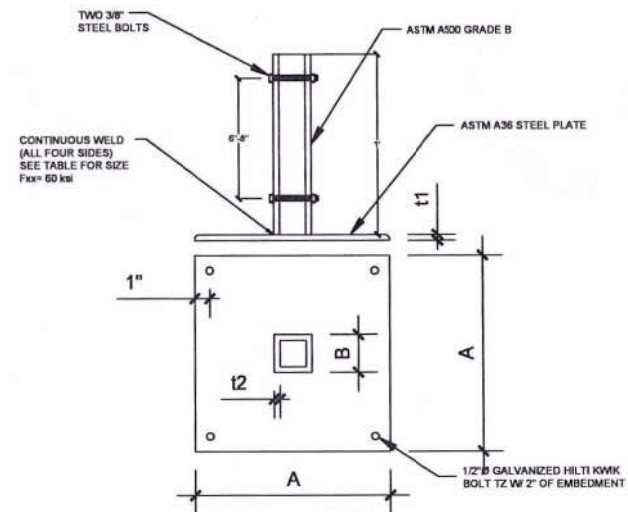
**F4** 7x7 OR 6x6 POST W/ STEEL INSERT TO  
FOOTING CONNECTION  
MOMENT RESISTING



DATE	DRAWN BY	CARL PUTNAM P.E.	541 IVY LANE PLACE LYNCHBURG, VA 24503 CARL.PUTNAM@CORCAST.NET
06-02-22	CMP	OMNIMAX	30 TECHNOLOGY PARK S. #400 FACETS CORNERS, GA
	DESC	DETAILS	10

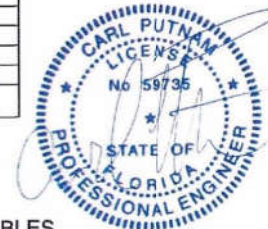


**F5** POST TO FOOTING FOR OVERTURNING MOMENT  $\leq 2056 \text{ LBFxFT}$



THE WELDED POST BRACKET MUST BE VERIFIED TO COMPLY WITH THE REQUIREMENTS IN THIS DETAIL AND FABRICATED IN ACCORDANCE WITH 2018 IBC SECTION 1704.2.5.1 BY AN APPROVED FABRICATOR TO THE SATISFACTION OF THE CODE OFFICIAL

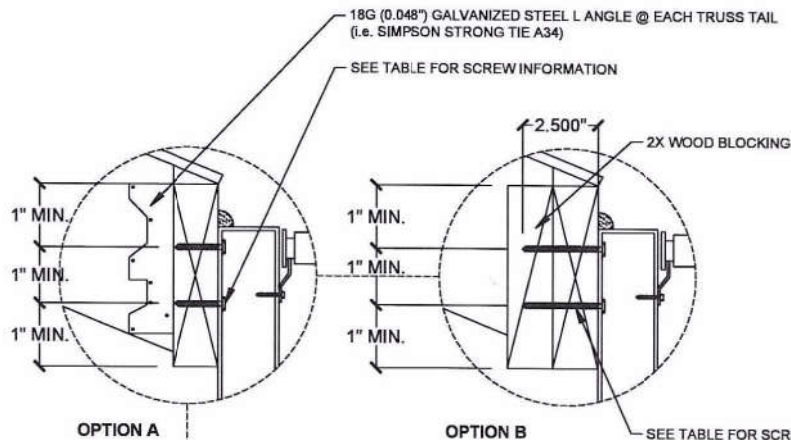
MOMENT CAPACITY (lb-ft)	PLATE SIZE A (in)	PLATE THICKNESS t1 (in)	STUB POST SIZE B (in)	STUB POST THICKNESS t2 (in)	MINIMUM WELD SIZE (in)
950	8	0.375	3.5	0.1875	0.125
1250	12	0.375	3.5	0.1875	0.125
2200	12	0.5	3.5	0.1875	0.125
3450	12	0.625	3.5	0.1875	0.125
5000	12	0.75	3.5	0.25	0.1875
BASE PLATE AND STUB POST SPECIFICATIONS					



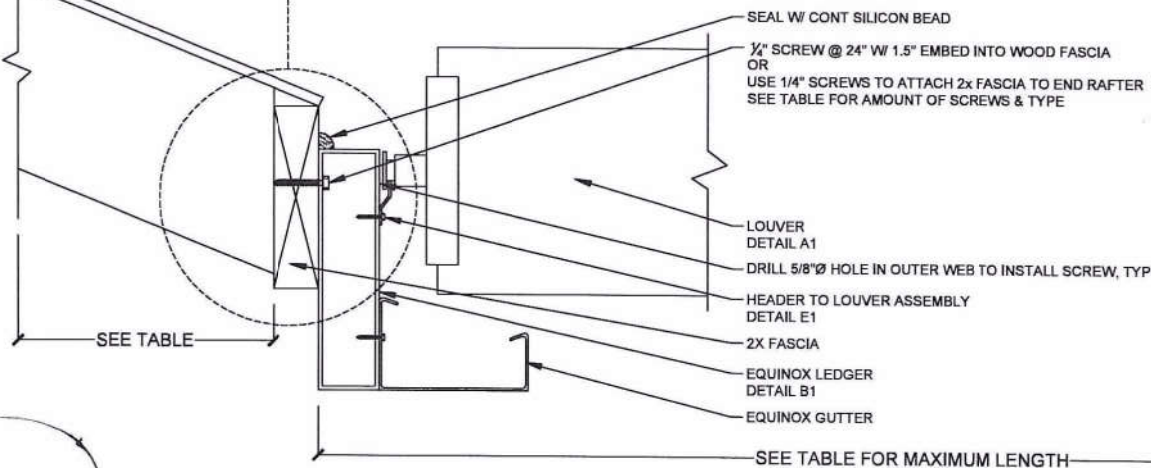
**F6** WELDED STEEL BASE PLATE  
MUST BE MOUNTED TO TOP OF FOOTING PER TABLES  
PAINTED/ GALVANIZED FOR EXTERIOR EXPOSURE  
\*AVAILABLE FROM THIRD PARTY

JUL 28 2022

DATE	DRAWN BY	CARL PUTNAM P.E.	3441 IVY LINK PLACE LYNCHBURG, VA 24503 CARLPUTNAM@COMCAST.NET
06-02-22	CMP	OMNIMAX	30 TECHNOLOGY PARK S. #400 PEACHTREE CORNERS, GA
		DESC: DETAILS	11



Live Load Ground Snow Load	RAFTER SIZE (24" O/C)	MAX LOUVER SPAN ("L")					Number of Eave Fasteners (1/4" Lag screw)
		EAVE OVERHANG					
		6"	9"	12"	18"	24"	
10 psf	2x4	14'-0"	14'-0"	14'-0"	11'-2"	6'-6"	3
130 mph Exp B	2x6	14'-0"	14'-0"	14'-0"	14'-0"	10'-10"	
105 mph Exp C	2x8	14'-0"	14'-0"	14'-0"	14'-0"	14'-0"	
20 psf	2x4	14'-0"	14'-0"	10'-2"	5'-9"	3'-3"	4
140 mph Exp B	2x6	14'-0"	14'-0"	14'-0"	8'-9"	5'-5"	
115 mph Exp C	2x8	14'-0"	14'-0"	14'-0"	14'-0"	11'-4"	
25 psf	2x4	13'-0"	13'-0"	11'-1"	6'-3"	3'-5"	4
130 mph Exp C	2x6	13'-0"	13'-0"	13'-0"	9'-6"	5'-10"	
	2x8	13'-0"	13'-0"	13'-0"	13'-0"	12'-3"	
30 psf	2x4	12'-0"	12'-0"	9'-1"	4'-11"	2'-5"	4
140 mph Exp C	2x6	12'-0"	12'-0"	12'-0"	7'-7"	4'-6"	
	2x8	12'-0"	12'-0"	12'-0"	12'-0"	9'-10"	
36 psf	2x4	12'-0"	10'-8"	7'-5"	3'-10"	1'-8"	5
150 mph Exp C	2x6	12'-0"	12'-0"	10'-10"	6'-1"	3'-5"	
	2x8	12'-0"	12'-0"	12'-0"	12'-0"	7'-11"	
43 psf	2x4	11'-0"	8'-9"	6'-0"	2'-11"	1'-0"	5
150 mph Exp C	2x6	11'-0"	11'-0"	8'-10"	4'-9"	2'-5"	
	2x8	11'-0"	11'-0"	11'-0"	9'-9"	6'-2"	
50 psf	2x4	11'-0"	7'-5"	5'-0"	2'-3"	0'-6"	6
160 mph Exp C	2x6	11'-0"	10'-8"	7'-5"	3'-10"	1'-9"	
	2x8	11'-0"	11'-0"	11'-0"	8'-2"	5'-0"	
62 psf	2x4	9'-6"	5'-9"	3'-9"	1'-5"	0'-0"	6
160 mph Exp C	2x6	10'-0"	8'-5"	5'-9"	2'-9"	1'-0"	
	2x8	10'-0"	10'-0"	10'-0"	6'-3"	3'-7"	

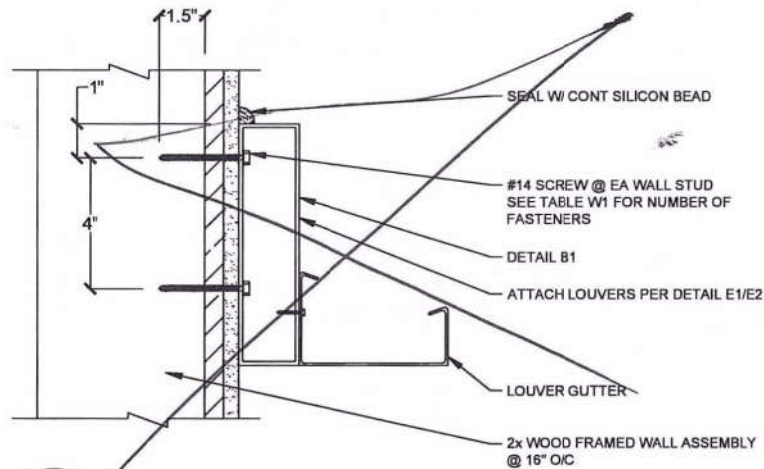


DATE	DRAWN BY	CARL PUTNAM P.E.	3441 NY LINK PLACE LYNCHBURG, VA 24503 CARLPUTNAM@COMCAST.NET
06-02-22	CMP	OMNIMAX	30 TECHNOLOGY PARK S. #400 PEACHTREE CORNERS, GA
		DETAILS	17

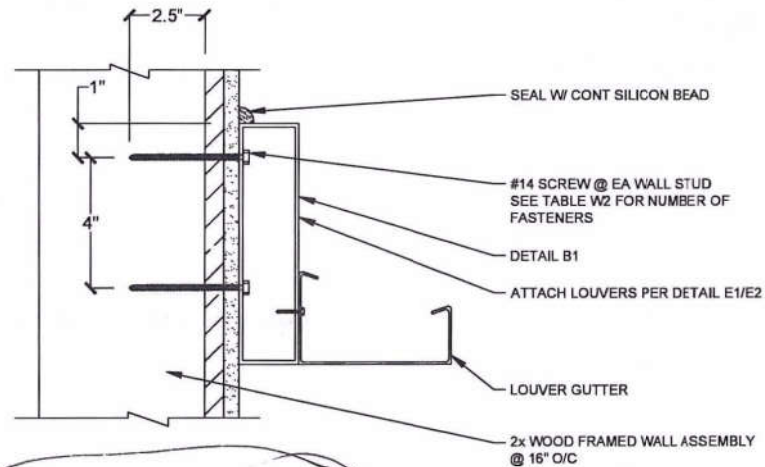


**W7** EQUINOX HEADER TO  
RAFTER CONNECTION  
Equinox Standard Plan v7 (2018 IBC) 7/24/2022

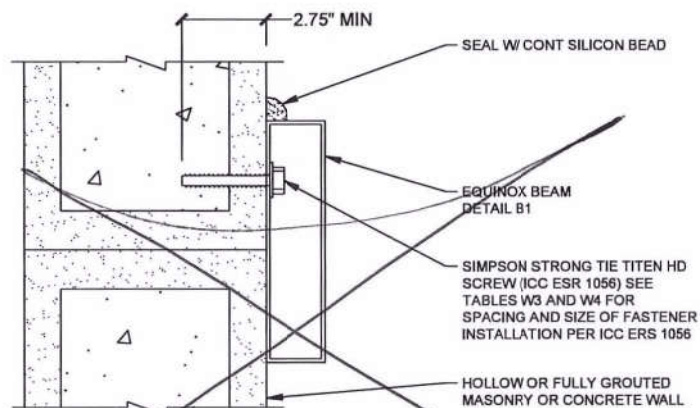
NOTE: THIS ATTACHMENT ONLY ALLOWED FOR  
STRUCTURE TYPES A AND B.  
STRUCTURE TYPE C IS ALLOWED IF MID SPAN POSTS  
ARE USED ON RETURN BEAMS.



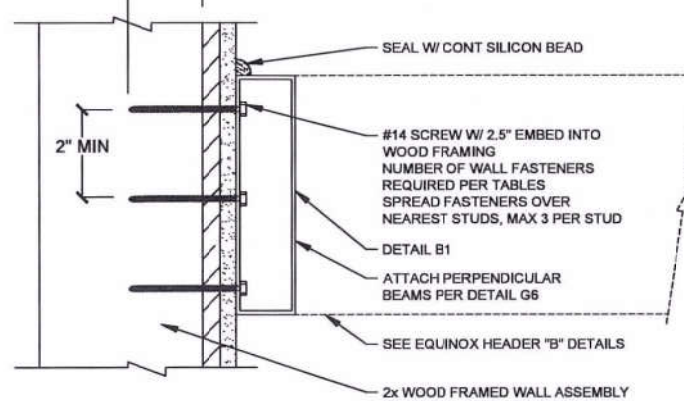
**W1** EQUINOX LEDGER TO  
STRUCTURE CONNECTION



**W2** EQUINOX LEDGER TO  
STRUCTURE CONNECTION



**W3** EQUINOX LEDGER TO STRUCTURE CONNECTION



**W4** EQUINOX LEDGER TO STRUCTURE CONNECTION  
TYPE "C", "G", "H" AND "I" ONLY



DATE	DRAWN BY	CMP	CARL PUTNAM P.E.	3441 MY LINK PLACE LYNCHBURG, VA 24503 CARL.PUTNAM@COMCAST.NET
06-02-22				
			OMNIMAX	30 TECHNOLOGY PARK S, #400 PEACHTREE CORNERS, GA
			DESC	DETAILS